Chi Vo

SCOTTISH FISCAL COMMISSION

Professional work

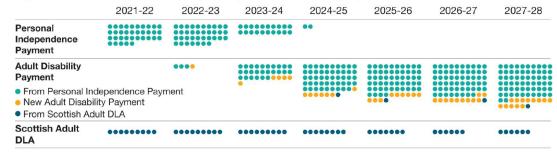
Selected works that I created with economists' data as design lead for the Scotland's Fiscal Publications, using Excel, Flourish, Inkscape (due to Government's lack of funding we could not subscribe to Adobe softwares).

To summarise and make it easier for politicians and policy makers to understand our wok, I have developed 'first glance' templates to help summarise the biggest 3 topics presented in Fiscal Updates.

Full PDF file can be found here

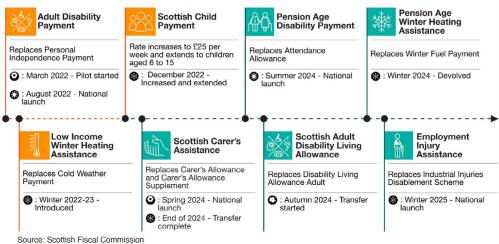
https://www.fiscalcommission.scot/ publications/scotlands-economic-and-fiscalforecasts-may-2022/

Figure 5.7: Illustrative transfer of spending from DLA Working Age and PIP onto ADP



Source: Scottish Fiscal Commission Circles represent £50 million spend.

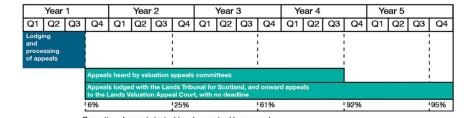
Figure 5.3 Timeline of social security payments



Tigure 4.10. Cimplified Calematic Overview of Pavalvation Appeals Profile Undate

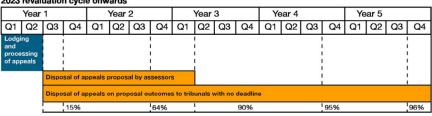
The important dates for the indicative replacement payment are illustrative and deemed reasonable assumptions by the

Figure 4.18: Simplified Schematic Overview of Revaluation Appeals Profile Update Previous revaluation cycles [1]



2023 revaluation cycle onwards

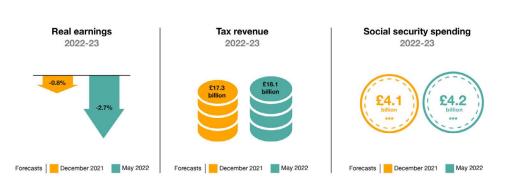
Source: Scottish Fiscal Commission

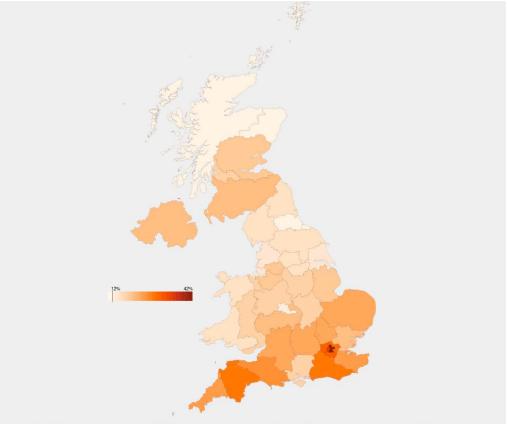


Proportion of appealed rateable value resolved by year e

[1] Hearing of appeals was extended to the end of year 5 for the 2017 revaluation cycle because of the COVID-19 pandemic, we have not included this to simplify Figure 4.18.

This does not necessarily reflect the proposals set out in the consultation on reforming the non-domestic rates system including proposals, the draft valuation roll, or content of valuation notices.





Source: Scottish Fiscal Commission, ONS (2022) Earnings and employment from Pay As You Earn Real Time Information, seasonally adjusted – May 2022 (link).

Figure 5.2: Social security spending in 2022-23 and 2027-28



[1] Other includes Best Start Foods, Best Start Grant, Carer's Allowance Supplement, Child Winter Heating Assistance, Low Income Winter Heating Assistance, Funeral Support Payment, Discretionary Housing Payments, Fair Start Scotland, Self-Isolation Support Grant and Scotlish Welfare Fund in 2022-23. It excludes spending on Carer's Allowance Supplement and Fair Start Scotland in 2027-28 as these are covered as part of the indicative forecasts

[2] Other includes Industrial Injuries Disablement Scheme and Severe Disablement Allowance in 2022-23, but only for Severe Disablement Allowance in 2027-28.

[3] Indicative forecasts includes spending on Scottish Carer's Assistance, Pension Age Disability Payment, Employment Injuries Assistance, Pension Age Winter Heating Assistance, the Scottish Adult DLA, and an estimate for spending on employability services to replace Fair Start Scotland.

CAMBRIDGE CONSULTANTS

Professional work

Design lead on publications:

Al assurance: protecting next-gen business innovation

https://www.cambridgeconsultants.com/ sites/default/files/uploaded-pdfs/2023_Al Assurance Innovation Briefing.pdf

The Impact of AI on Transportation and Mobility

https://itsa.org/wp-content/uploads/2023/12/ Lit-R-018-v0.3-2023-ITSA-Al-report.pdf

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	Phase 0: Concept →>>	Phase la: Design >>>	Phase 1b: Development ->>	Phase 2: Validation, integration and deployment	Phase 3: Operational monitoring
Focus for Assurance	Development of the plan	Assurance activity informed by design discovery	Assurance activity focused by initial plan	Assurance activity informed by validation	Final assurance activity
Supporting	Solution characterisation	Design plan and execution	Solution development roadmap and execution	Solution validation Deployment roadmap and execution	Monitoring plan
Activity	Initial risk Identification and priortisation	Risk identification Process evidence Update assurance plan	Risk update Testing Update assurance plan	Risk updates Testing Evidence compilation	Risk updates Monitoring and alerting plan
Outcome	Initial Assurance Plan	Assurance evidence of design and process	Assurance evidence from development testing	Assurance evidence validation and deployment	Assurance evidence monitoring

A holistic approach to AI assurance



Driven by an early Assurance Assessment and prioritisation plan



INTEGRATED

Process that avoids the stovepipes and thus reduces costs



COST EFFECTIVE

Testing includes Synthetic environments and data



EXPLAINABLE

Considering all stakeholders and end-user explainability to build trust



Covering safety, security, ethics, HMI, regulations, technical performance



DEALING WITH COMPLEXITY



HUMAN - MACHINE TEAMING

Adopting a Human-Machine teaming approach to optimise design



Supervised learning

The data used for training the algorithm are labelled so it learns these to then classify or predict outcomes on unseen data.

(i.e., an algorithmm gets trained in thousands of pictures of cars to learn the



Unsupervised learning

The algorithm is trained with unlabelled data. The algorithm groups the data in groups or clusters based

(i.e., the detection of traffic data trends)



Reinforcement learning

The algorithm is trained on "trial and error" cycles based on rewards and penalties to learn how to

(i.e., a self-parking car)



Symbolic learning

The learning is based on learning representation and reasoning, with associations and rules and an understanding of cause and effect

(i.e., collision avoidance)

MOST COMMON APPLICATIONS OF AI

through a technological solution-focused lens



recognition



recognition









Data analysis



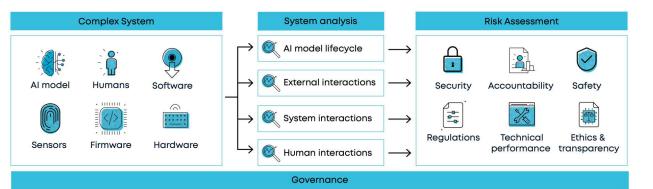
Forecasting and predictions

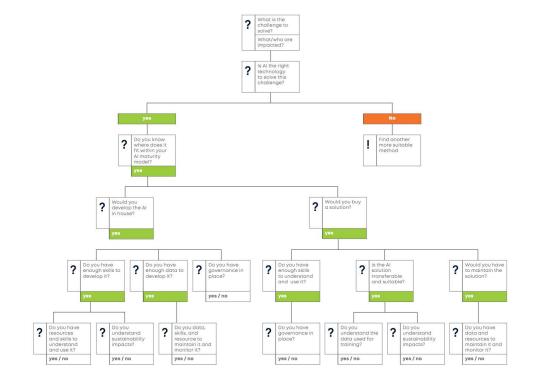


Recommendations









RNLI ANNUAL REPORTS

Coursework

Carr Kamasa set the brief, an agency in London, to produce an Annual Reports & Accounts report for RNLI based on text and Excel files.

Aim: Distributing information on pages to communicate the brand's mission while adhering to RNLI's branding.

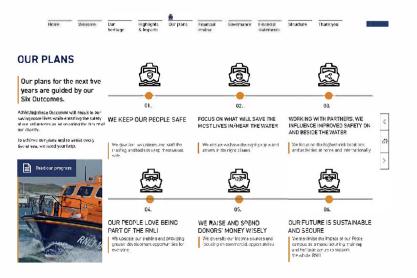
I carried out branding research for the brand, understood their mission, and chose real-life stories to highlight my theme for this annual report, 'Surviving the Storms'.

Full PDF file can be found here:

https://drive.google.com/file/d/1-BD HGtlk6qX5QgRQt1BWxkShA 4rGJxs/view?usp=sharing













LIFEGUARDS



Highlights Gerplans Financial Governance Financial Structure











Two out of three people in the UK will head to the



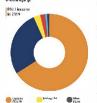














STATEMENT

FINANCIAL



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£14.5 M

£3.2M

LOUD DISCRIMINATIONS & QUIET CONTRIBUTIONS

Coursework

V&A Dundee's favourite projects from the Graduate Showcase 2021

"This is a stellar piece of work which highlights the issues of the anti-Asian hate movement. Striking, impactful use of colour and typography informed by a solid body of research, raising awareness and offering support to victims. Seriously impressed!" - Leonie Bell. Director of Dundee V&A.

A personal brief to design a publication to highlight the injustice that AAPI (Asian American Pacific Islanders) and other Asian communities have been facing across the globe and include Asia contributions to the world to highlight the injustice.

Full publication

Reel



















Editorial

THE GANNOCHY

Collaboration with Renee Simonini

A publication was designed for the Dundee Medical Journalism journalism publication.

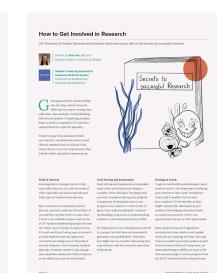
Responsible for editorial design and all illustrations in the publication.

Full publication can be found here:

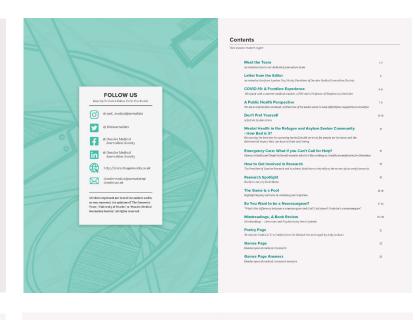
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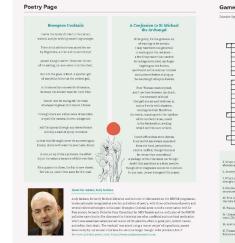


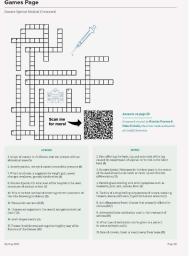


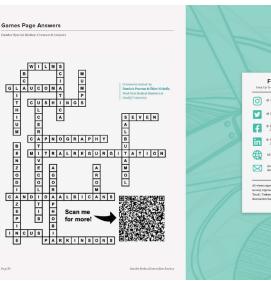










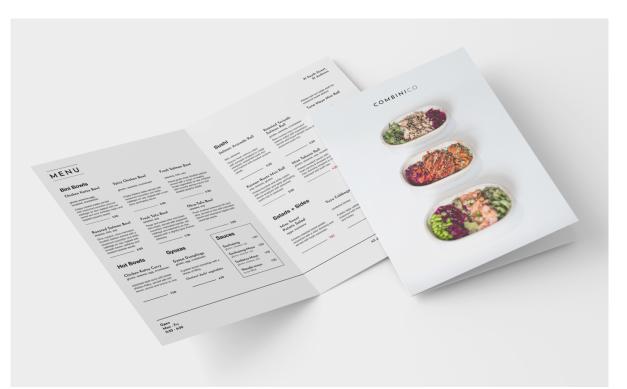




COMBINICO MENU

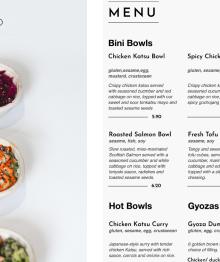
Commerical work

Designed menus for CombiniCo's Food & beverage chain: CombiniCo shop and CombiniCafe

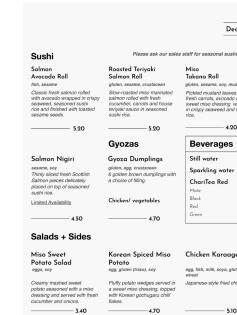








Open Mon - Fri 11:30 - 6:30





INSPIRE

Collaboration with Abbey Wang

'Inspire' is a tablet app designed to bridge a gap between a user's goal of becoming a designer and their dream.

Functions:

Connect students to mentors and activities
Inform students of the different design disciplines
Give them advice and show them events that will help build their portfolio.

This project was based on Adobe x Amazon's Creative Jam brief.

Top 10% projects submitted worldwide.

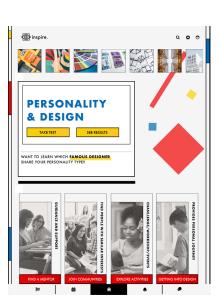
Link to prototype:

https://xd.adobe.com/ view/06d46631-1afa-49af-b944adf5d1499037-5387/

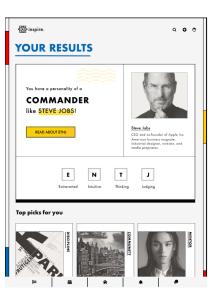


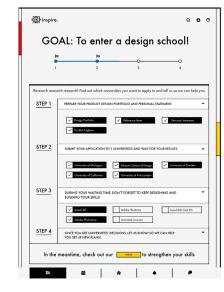






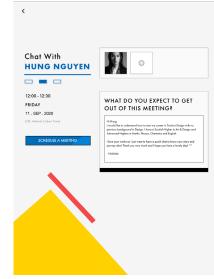












DARE TO DREAM - DISNEY

D&AD Brief

Walt Disney's dream started with a mouse. What is your dream?

To celebrate Disney 100 years, 'Dare to dream' campaign asks young people from age 16-30 worldwide to share their dreams with Disney and the world. The intention is to help young adults feel more connected with the world through their dreams and passion while maintaining good mental health.

Users can also download their favorite childhood Disney character to their phone as their dream companion to keep mental health in check. The journey to fulfilling your dreams won't have to be lonely.

Full project:

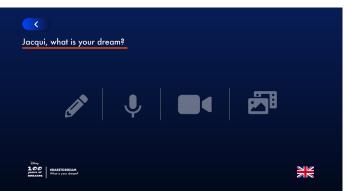
https://youtu.be/2Se0eC3-3Dw

Prototype:

https://xd.adobe.com/ view/68121d34-3068-46d1-ac04-9dea8317f094-3d41/?fullscreen

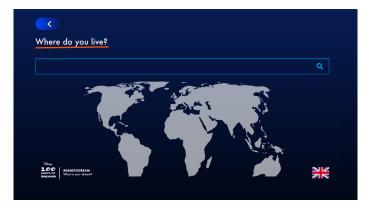
Website

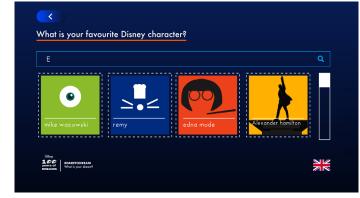


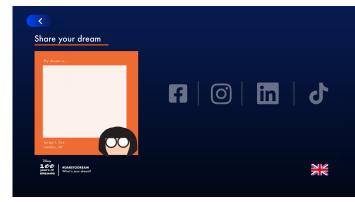






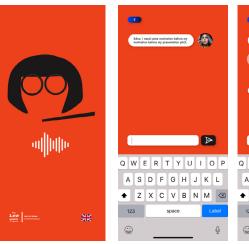


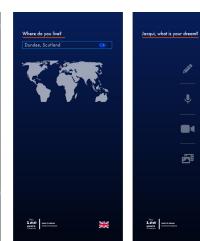


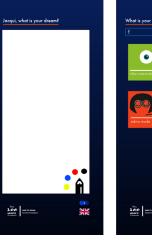




Mobile app:











BRAW BUN

Coursework

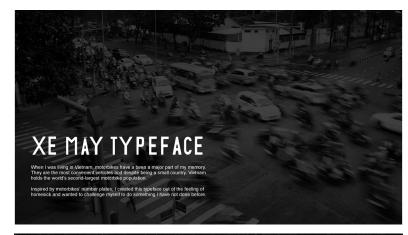
Utilising my homesickness by turning it into creative projects during the pandemic.

'Braw Bún' was created as branding for a Vietnamese restaurant in Scotland. By using bold and bright colours, Braw Bún strives to convey an image of a youthful Vietnam. Vietnam was a country well known for the war through black and white movies and photos. Braw Bún is here to change that perception and promote a fun, young, and beautiful country for tourism. Alongside the branding, Xe Máy (which means Motorcycles in Vietnamese) typeface was created inspired by the bustling environment of motorbikes in Vietnam and their number plates. With 45 million registered motorbikes on a 92 million population headcount, Vietnam has one of the highest motorbike ownership rates worldwide.

Logo:



Self-designed typeface:







Packaging design:





Stickers









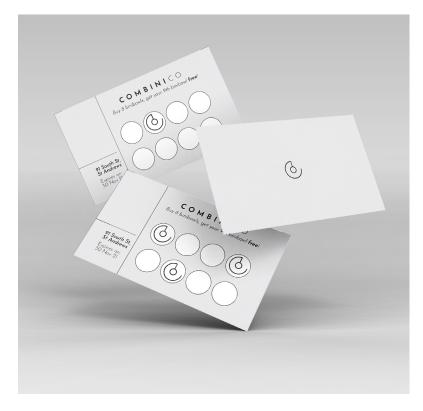
COMBINICO

In house graphic design

As a graphic design consultant, I am responsible for all design aspects of a £500,000 revenue food and beverage business, following Korean-Japanese minimalistic aesthetics. Projects include branding, social media content creation, sponsorships, designing merchandise, packaging, posters, flyers, menus, etc.

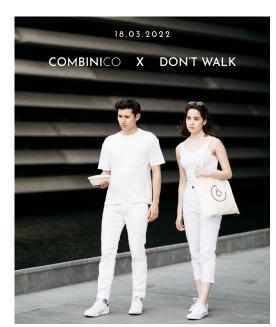
CombiniCo is a Korean + Japanese inspired food and beverage company based in Scotland, UK. The mission is to re-imagine minimal fast-casual food experiences in communities worldwide.

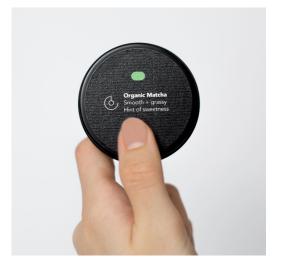














Thank you

