

JUNWEN CHEN
PORTFOLIO

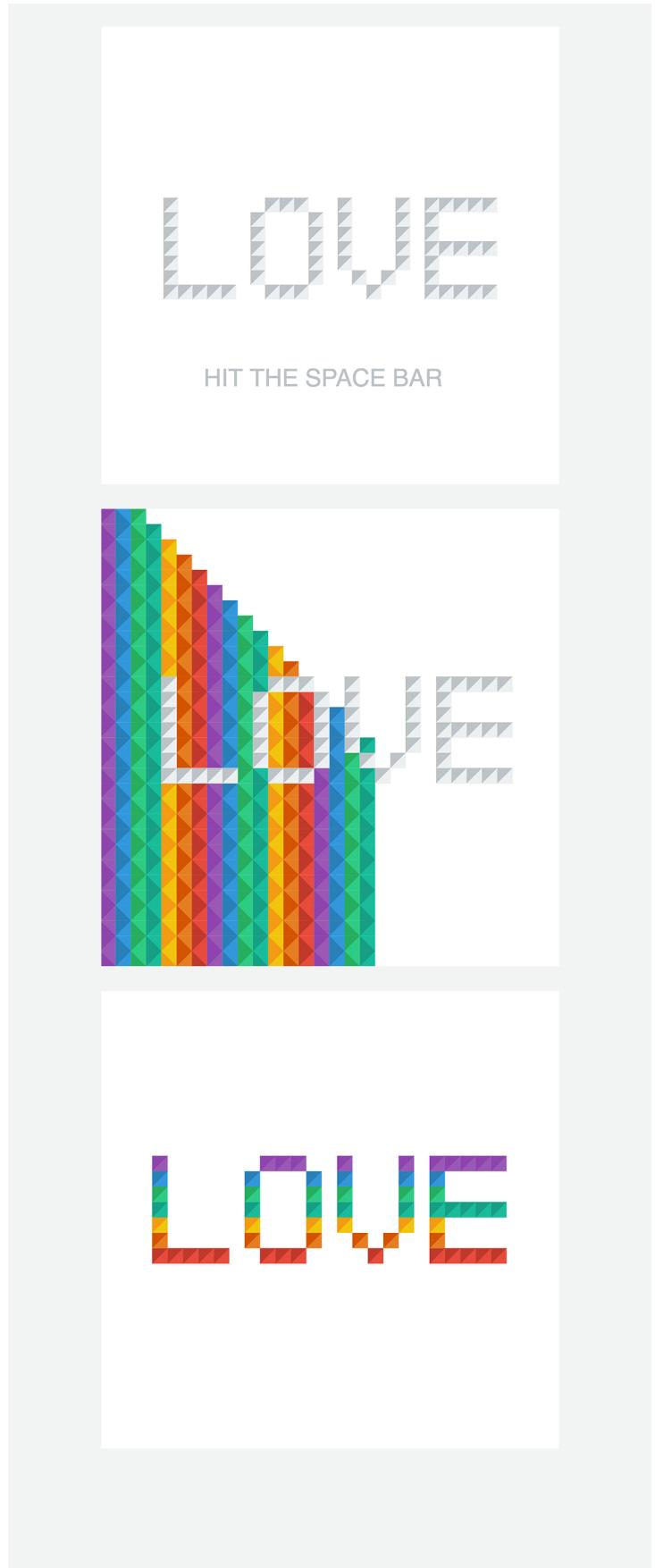
AN INTERACTIVE POSTER

Inspired by the posters in public space during Australian same-sex marriage survey, I got this idea that makes posters interact with the audience so as to engage them with the concept the posters are delivering.

Briefly, the audience can create a rainbow wave on the digital poster by hitting a button, and the word "LOVE" goes vivid from bottom depending on the times they hit the button.

The programming language I used to implement the idea is p5.js, a Javascript library for creating graphic and interactive experiences, based on the core principles of Processing. The live code is available on the following link, give it a try!

www.openprocessing.org/sketch/478249



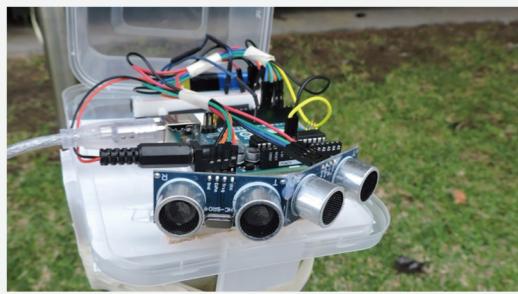
DIGITAL PLACEMAKING



An overview of the path



We put up the LED strips on the wall



Sensors /controllers were mounted



The "HELLO" lit up the path



Passers-by stopped and showed interests

In the placemaking project, two teammates and I aimed to give a quiet path in our campus a little "life". By observing pedestrians' behaviour and some interviews with them, an interesting fact is that "fine", "alright", "nothing" were often used to describe the path, or in the other word, boring. So we decide to make a small change. We

Throughout the project, I was highly involved in user research, brainstorming, idea developing and responsible for technical implementation. For the hardware, we used ultrasonic sensors to detect pedestrians, and Arduino (a micro-controller) to process the signal and drive the LED strips to react to different scenarios. The programming language for controlling all the parts is Arduino (based on C/C++).

The demonstration video is available, check in on Youtube.

youtu.be/HpVPUtcn81E

A BUSINESS WEBSITE DESIGN

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Dolor sit amet
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OUR SERVICES

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LATEST JOBS

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JOB TITLE GOES HERE

Mauris nec enim tortor. Fusce a

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Mauris nec enim tortor. Fusce a

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Mauris nec enim tortor. Fusce a

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Mark White, CEO

ABOUT US

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PARTNERSHIP

OUR SERVICES

Logistics
Marketing
Sales
IT Recruitment

LATEST JOBS

MAY 29
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CANADA

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CANADA

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OUR TEAM

COMMUNICATION MANAGER JOHN HALL	MARKETING MANAGER TIM TURNER	CHIEF EXECUTIVE OFFICER AMY SMITH
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SLOGAN

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CANDIDATE **EMPLOYER**

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CANADA

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COMMUNICATION MANAGER JOHN HALL	MARKETING MANAGER TIM TURNER	CHIEF EXECUTIVE OFFICER AMY SMITH
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INFORGRAPHICS / GRAPHICS

JXT

PRE-*Christmas* CHECKLIST

- Social media posts scheduled into the new year
- Set up email auto-replies on all inboxes
- Update job application auto-replies
- Change voicemail to state holiday days/times
- Are you sending a pre-Christmas email to your clients? Schedule it now!

Terms of Use | Privacy | Unsubscribe

ATTRACT

Content marketing and EDM Campaigns from the Bullhorn Database drive passive candidate traffic to your website.

CAPTURE

JXT's Platform mobile responsive websites help capture candidate data on all devices. JXT allows users to login via social accounts on the go, from any device with no extra passwords to remember.

ENGAGE

By simply logging in automatically populates JXT's 'Member Profile' with a candidate's social profile data. JXT's deep integrations gather as much of the available profile data as possible ensuring at the very least, basic information is always captured. This information is then pushed directly into Bullhorn.

Bullhorn + JXT

AUTOMOTIVE TRADES // AUSTRALIAN LABOUR MARKET

Northern Territory and Western Australia attracted around two suitable candidates per vacancy. However, the proportion of applicants hired was low.

New South Wales, vacancies dropped from 59% in 2015 to 28% in 2016. The number of suitable candidates also plummeted from 1.2% to 0.4%.

Tasmania, South Australia, and Victoria have less than one qualified applicants per job opening.

Trends in Automotive Occupations

INCREASE EMPLOYMENT	PANEL BEATER WORKERS
INCREASE RECRUITMENT	VEHICLE BODY BUILDERS
APPLICANTS AVAILABLE	TRIMMERS
MOTOR MECHANICS	AUTOMOTIVE ELECTRICIAN
MOTOR MECHANIC	MOTOR MECHANIC

Increase employment for **panel beater workers** and **vehicle body builders** and **trimmers**. However, the role attracted the lowest number of ideal candidates per vacancy.

Decrease recruitment for **motor mechanics** this year.

The slightly large pool of applicants available for the **automotive electrician** and **motor mechanic** job openings compared to panel beater vacancies.

AutoRecruiter
Automotive Recruitment Specialists
A DIVISION OF CONNECTING

Vacancies
Vacancy advertised on the internet for automotive staff climbed by **14.2%** from November 2015 to November 2016.

Labour Outlook
Employment of automotive trades workers to **decrease** over the five years to November 2020. Employment of vehicle body builders, trimmers, automotive electricians, motor mechanics and panel beaters are projected to fall. However, slight rise on employment for vehicle painters.

Recruitment Difficulties

- MORE THAN ONE-THIRD OF** EMPLOYERS DID NOT PULL IN THE IDEAL CANDIDATES FOR THEIR JOB OPENINGS
- ONLY 48% OF** THE VACANCIES WERE FILLED
- DECREASED** THE RATIO OF APPLICANTS PER VACANCY & THE PROPORTION OF VACANCIES FILLED

NOT TRADE-QUALIFIED	THE REASONS
LACKING SOLID EXPERIENCE	EMPLOYERS DEEMED CANDIDATES WERE MOSTLY UNSUITABLE
INSUFFICIENT TECHNICAL SKILLS	
ERRATIC EMPLOYMENT RECORD	
POOR ATTITUDE	
SUBSTANDARD COMMUNICATION SKILLS	
UNKEMPT APPEARANCE	

AUOTRECRUITER.COM.AU MARCH 2017

EdiCoat

TEAM
ANDREW // CHEMISTRY
EROMANGA // PHYSICS
GREG // BUSINESS
MAY // DESIGN

FACT

ENVIRONMENTAL EFFECT
2.5M tonnes of soft plastic per year

ECONOMIC EFFECT
12% of total waste in landfill in Australia
500M to buy plastic vs **180M** to dump plastic

PROBLEM
No cost-effective and scalable way to reduce amount of plastic wasted and dumped into landfill in meat manufacture

HOW IT WORKS
SOFT PLASTIC PACKAGING
EDIBLE COATING
FAT BLOOD MEAT

ADDITIONAL BENEFITS
Longer Shelf-Life
Reduce Food waste
Improved Appearance
Better Sales
Customized Additives
Nutrients/Flavourings/Colorings

SOLUTION
Bio-sustainable edible coating that prevents meat from contaminating its package so as to maintain the recyclability and reduce the environment impact

ROADMAP
MEAT MANUFACTURE
WHOLESELLER RETAILER
FARM/ABATTOIR

GLOBAL MARKET
\$5.3B
\$5.6B
\$12.0B
\$4.3B
\$3.4B
\$0.6B

BUSINESS
Starting from meat manufacturers and expanding to other industries where edible coating will be applicable. Local initiative with global potential

Hi, I'm Junwen.

I'm a front-end developer and interaction designer.

Design and development are both essential for delivering solutions to people, in which one couldn't exist without the other. I'm passionate about building empathy with people and design satisfying experience for them. I also enjoy developing as it makes things happen and brings design to life.

My skills cross a broad range. Programming-wise, I do mostly front-end development with javascript and some interactive arts/data visualisations. As a designer, I'm a design thinking enthusiast. Whether it is a UX/UI project or pure visual design, I'd like to start with understanding the audience and keep them in mind throughout the whole process.

I'm always up for new things and eager to learn.

For more information, please visit:

junwenchen.com

