

Chang Kai Joshua Lee
New York, NY

Portfolio
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Education

MS, Data Visualization

Parsons School of Design, US
Dean's Scholarship
2017

Thesis Project:

Visualized user gameplay data from
a multiplayer online role-playing game
Feb – May 2017

Client-based Project:

Partnered with the United Nations
Development Programme (UNDP):
Produced a visualization about inequality
in Sub-Saharan African countries
Sep – Dec 2016

Selected Coursework:

- Data Visualization & Info-Aesthetics
- Advanced Quantitative Methods
- Data Structures
- Machine Learning
- New Design Firms

BA (Hons), Graphic & Media Design

University of the Arts London, UK
First Class Honors
2012

Diploma, Professional Studies

University of the Arts London, UK
2011

Diploma, Interactive Media Design

Temasek Polytechnic, Singapore
Director's List (AY 03/04)
2006

Software & Programming Skills

Design

Illustrator, InDesign, Photoshop,
Sketch, InVision, SketchUp

Web

JavaScript, D3.js, Node.js, P5.js,
HTML, CSS, Sass, jQuery, GSAP

Data

MongoDB, PostgreSQL, R, Python

Speaking & Volunteer Experience

NYC D3.js Meetup

Speaker (Visualizing Gameplay Data)
2017

Eyeo Festival 2017

Volunteer
2017

Summary

Design and engineer data-driven interfaces that are clear, effective, and insightful. Worked on projects involving user interface design, user experience design, data visualization, identity design, print, infographics, and wayfinding signage design. Background includes projects for clients in Singapore, China, Vancouver, and London in both government and private sectors. Graduated with an MS in data visualization from the Parsons School of Design in New York. Native English speaker, limited working proficiency in Mandarin Chinese.

Professional Experience

Designer

GovTech Singapore
Singapore
May – Aug 2016

- Provided UI/UX design for government data science products
- Conducted user research, produced wireframes and prototypes
- Worked within an Agile development environment (Scrum)
- Collaborated with software engineers and data scientists

Designer

Asylum
Singapore
Oct 2013 – Feb 2016

- Developed brand identities for clients based on brand strategy
- Designed wayfinding signage for hotels and residences
- Conceptualized designs for a variety of in-house art projects
- Clients: (Architecture) RSP Architects; (Food & Beverage) F&B Asia, Fountain Group; (Arts) Singapore International Festival of the Arts; (Production) Lunar Films; (Real Estate) Collision 8

Junior Designer

Sedgwick Richardson
Singapore
May – Sep 2013

- Created infographics and static data visualizations for reports
- Conceptualized designs for branding and annual report pitches
- Created Flash banners that met web optimization requirements
- Clients: (Consultancy) Brand Finance; (Engineering) Singapore Technologies Engineering; (Developer) Ascendas Group, Overseas Union Enterprise; (Energy) Pavilion Energy

Junior Designer

W Squared Live
Shanghai, China
Nov 2012 – Feb 2013

- Provided graphic design capabilities for the musical start-up
- Designed collaterals to help the company seek investments
- Created templates for the company's EDMs using MailChimp
- Improved EDM open/click rates by strategizing blast timings

Design Intern

SEA Design
London, UK
Jul – Aug 2011

- Created HTML mock-ups of web layouts for client presentations
- Built an e-shop on the company's website to sell their designs
- Made physical mock-ups of collaterals for various print projects
- Clients: (Photography) Lisa Pritchard Agency

Design Intern

Applied Wayfinding
London, UK
May – Jul 2011

- Designed icon suite for a university campus wayfinding project
- Helped develop mapping style for the university campus maps
- Artworked on Legible London; London's city wayfinding system
- Clients: (Transport) Transport for London; (Education) University of British Columbia

Interactive Designer

Information is Beautiful
London, UK
Nov 2010 – May 2011

- Developed interactive data visualizations in Flash using AS3
- Created a Flash survey that stored results in a database
- Built a Flash app using the Model View Controller (MVC) pattern
- Clients: (Electronics) General Electric: Data Visualization Blog

Interactive Designer

Kilo Studio
Singapore
Apr – May 2006

- Provided interactive and additional design for Flash microsites
- Prototyped interactive Flash websites for pitches using AS2
- Created Flash banners that met web optimization requirements
- Clients: (Music) Funkie Monkeys Production

Freelance Experience

Designer & Developer

Freelance
Singapore
2006 – 2016

- Representative projects: (Fashion) Sea Apple: identity design for a modern children's clothing brand (2016); (Food & Beverage) Obolo: website for a boutique pâtisserie (2007); (News) Channel NewsAsia: assisted in the redesign of their website (2006).