

**Chang Kai Joshua Lee**  
New York, NY

Portfolio  
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## Education

### **Candidate for MS, Data Visualization**

Parsons School of Design, US  
Dean's Scholarship  
Expected May 2017

Client-Based Project:  
Partnered with the United Nations Development Programme (UNDP):  
Produced an interactive data visualization that compares levels of good governance with inequality in Sub-Saharan African countries  
Sep – Dec 2016

Selected Coursework:

- Data Visualization & Info-Aesthetics
- Advanced Quantitative Methods
- Machine Learning
- Data Structures
- New Design Firms
- Major Studio 1 & 2

### **BA (Hons), Graphic & Media Design**

University of the Arts London, UK  
Pathway: Information Design  
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**

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

### **Data**

R, Python, MongoDB, PostgreSQL, Amazon Web Services

## Featured

### **Creative Review**

Degree Shows 2012: LCC Graphics  
Jul 2012

### **Culture Push**

Spotted! Joshua Lee  
May 2011

## Summary

Design and engineer data-rich 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. Pursuing an MS in data visualization at the Parsons School of Design, adding data science capabilities, such as statistics and machine learning, to my portfolio. 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 with engineers and data scientists in an Agile setting
- Clients: (Government) Attorney-General's Chambers

### **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).