

# Justin Mao

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## EDUCATION

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**University of Toronto** | Bachelor of Science (BSc) | Computer Science

**Jun 2018**

- Relevant practical coursework: Image Understanding, Artificial Intelligence, Computer Forensics, Information Security, Principles of Computer Networks, Programming on the Web, Software Engineering, Databases
- Relevant theoretical coursework: Computational Complexity and Computability, Algorithm Design and Analysis, Data Structures and Analysis, Numerical Methods, Principles of Programming Languages

## WORK EXPERIENCE

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**Nissan Motors** | Software Engineering Intern | Guangzhou, China

**Jun 2017 – Aug 2017**

- Led the design and implementation of a web system in JavaScript and jQuery over the Spring framework, used by the Passenger Vehicle (PV) department to manage WeChat/SMS promotional campaigns
- Developed and automated a Java program for validating and reprocessing corrupted client and sales data
- Built a tool for criteria-based generation of Excel spreadsheet summary reports from sales data pulled from MySQL and Oracle databases
- Contributed to and debugged various data processing systems and visualization components

**NOSUCHTHING training** | Freelance Web Developer/Designer | Toronto, Canada

**Nov 2017 – Present**

- Developing a web platform ([nosuchthing.training](http://nosuchthing.training)) using React.js and Sass over Express for the client's hybrid/online fitness startup
- Designing and wireframing web component UIs using Adobe XD
- Set up and configured a Linux (Ubuntu) server with Apache, MySQL, and PHP to host all client web materials and services, providing administration and maintenance as necessary
- Created a user-friendly WordPress backend to allow the client to autonomously manage various portions of the web platform
- Integrating the web platform with SaaS products used by the client
- Periodically collaborating with the client to iteratively improve features and UI/UX

**In the Cut Integrated Marketing** | Graphic Design Intern | Shanghai, China

**Nov 2013 – Jan 2014**

- Designed graphics for web, print, and retail materials for various high-profile clients using Adobe Photoshop, Illustrator, and InDesign
- Revamped a product design for skincare company Inoherb which then stayed on shelves for two years
- Created marketing emails using HTML and CSS

## LEADERSHIP

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**Jane Goodall's Roots & Shoots: UofT Chapter** | Creative & Media Director | Toronto, Canada

**Sep 2016 – Apr 2018**

- Designed and created online and print materials for marketing purposes using Adobe Photoshop and Illustrator
- Oversaw development of organization brand and visual identity

**Habitat for Humanity International** | Student Co-Leader | Bali, Indonesia

**Oct 2013**

- Led a team of students in building housing for impoverished communities in Bali, Indonesia
- Managed build-site scheduling and various other team logistics

## SKILLS

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**Advanced:** JavaScript (React.js, Node.js, jQuery)

**Proficient:** Python (OpenCV), SQL, HTML, CSS (Sass)

**Familiar:** C, Java, SML, Prolog