Chelsea Chan

cc987@cornell.edu | chelseachan.me

EDUCATION

Expected May 2019 **Cornell University**, College of Engineering, Ithaca, NY
- B.S. Information Science, Systems, and Technology
- Relevant Courses: Object-Oriented Programming and Data Structures in Java, Data-Driven Web Applications, Trends in Web Development

Jul - Aug 2018 **New York University**, Tisch School of the Arts, New York City, NY
- Music Production & Music Business

EXPERIENCE

Jun - Aug 2017 **Silverlake Axis**, Kuala Lumpur, Malaysia
Front End Software Developer Intern
- Worked with 7 engineers to build fraud detection services and financial technology solutions using JavaScript and C#
- Designed and built responsive web applications by improving existing code
- Enabled secure connections to large database systems using SQL and XML

Sep 2017 - May 2018 **Guac Magazine**, Cornell University, Ithaca, NY
Front End Web Developer
- Built a responsive website for mobile and desktop for the award winning travel magazine using JavaScript and Bootstrap
- Implemented interactive world map UI and data visualizations using D3
- Collaborated closely with back-end and design leads to create cohesive and seamless content

Jan - May 2017 **Social Computing Lab**, Cornell University, Ithaca, NY
Research Assistant
- Developed and prototyped projects combining HCI, multi-media art and music
- Constructed physical user interfaces with Arduino, 3D printing and MIDI programming

LEADERSHIP

Sep 2017 - Present **International Students Union**, Cornell University, Ithaca, NY
Internal Operations Committee
- Organize recruitment process for 90 applicants, including interviews and deliberations
- Integrate new international students into the campus community through mentorship programs
- Coordinate social events and facilitate cross-functional team collaboration

Jan - May 2016 **Engineers for a Sustainable World**, Cornell University, Ithaca, NY
Product Manager & Electrical Engineer
- Designed a solar powered phone charger for rural communities in Nicaragua
- Organized project timeline and weekly meetings to improve workflow
- Drew conclusions through rigorous testing and prototype iterations

SKILLS

Development: JavaScript (D3, JQuery, React), HTML, CSS, PHP, SQL, Java, MATLAB
Additional: GitHub, Bootstrap, Arduino, MIDI programming
Languages: Mandarin, Cantonese, Malay