

Judy Hanwen Shen

24 Wellesley Street W Apt 410 Toronto Canada | 416 820 3590 | judyhanwen.shen@mail.utoronto.ca | heyyjudes.github.io

Skills

- Languages: C, C++, Python, Assembly, Java
- Design: HTML, CSS, Wordpress, Photoshop, Illustrator, Sketch

Education

UNIVERSITY OF TORONTO

BACHELOR'S OF APPLIED SCIENCE AND ENGINEERING IN ENGINEERING SCIENCE | GPA: 3.88/4

Experience

PROGRAM MANAGER INTERN | MICROSOFT | MAY – AUGUST 2015 & 2016

- Conceptualized, designed and shipped full implementation of suggested groups interface and algorithm in Outlook Groups feature. Worked closely with engineering, UI design, product marketing and user research teams to deliver full feature to production.
- Delivered prototype for integrating AI answer bot into the Outlook conversation experience powered by Bing NLP algorithms. Developed vision with partner teams for overall bot integration strategy across all Outlook experiences.

EMBEDDED SOFTWARE INTERN | VERITY STUDIOS AG | AUGUST 2015 – MAY 2016

- Designed, implemented and tested various drivers for autonomous quadcopter system including CRC, LED, Can Bus, EEPROM, IMU and Bootloader.
- Analyzed performance of embedded programs on TI microprocessor using advanced trace modules.
- Soldered customized components to test various microprocessor integrated PCB units. Automated testing of embedded memory peripherals using relay components.

SOFTWARE INTERN | ALTERA | MAY 2014 – AUGUST 2014

- Developed tool to automate flow of generating maps that connect physical circuit elements to software elements.

Projects

DETECTING ADVERSE DRUG EFFECTS THROUGH SOCIAL MEDIA

- Partnering with Thompson Reuters Toronto to use Twitter posts to identify adverse drug effects using Natural Language Processing techniques.

WALK HOME SAFE

- Developed android application using Android Studio, Java and Github to empower women walking home alone in dangerous areas. The application uses a peer accountability system for friends to help keep one another safe.

Leadership Experience

- President of Engineering Science Student Society
- Founder of Engineering to Policy initiative at the University of Toronto
- Director of NSight Mentorship program