



TAIMENG LIU
(but call me TAMMY)

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// EXPERIENCE

Front End Developer & Designer @MetricWire

AngularJS, MongoDB, JavaScript, HTML, CSS | May-Aug 2015

- Designed web and mobile UI/UX
- Built incentives module to reward research participants using AngularJS
- Architected database to allow for modular design and promote code sustainability with MongoDB
- Implemented, fixed, and tested features across researchers' web platform with MEAN stack
- Created marketing campaigns to reach over 1000 researchers with Adobe InDesign
- Coordinated with mobile and sales teams to discuss requirements and demo features

// EXTRA-CURRICULARS

Controls Team Lead in the UW NanoRobotics Group (NRG)

Python | Sept 2014-present

- Built controls GUI features to maneuver micro robots with actuators and solenoids
- Refactored legacy code to implement modular code design
- Collaborated with technical teams to compete in the IEEE International Conference on Robotics and Automation (ICRA)
- Won 2nd internationally for the Autonomous Mobility & Accuracy in the Mobile Microrobotics challenge at ICRA 2015

Organizer for Tech Retreat,

a hackathon and learnathon for 150 students from Ontario
May 2015-present

- Supervised and planned event design, logistics, and judging with a team of 18 other organizers
- Responsible for student and sponsorship outreach
- Coordinated event schedule to adapt for sudden changes in program

// SKILLS

Languages:

JavaScript, HTML, CSS,
Java, C, C++,
Python, Scala

Frameworks:

AngularJS, Bootstrap, jQuery

Tools & Software:

Git, Sketch 3, Adobe Photoshop,
InDesign, Illustrator

// PROJECTS

Portfolio Website (tammyliu.me)

HTML, CSS | Jan 2015-present

- Created website to showcase projects and designs

Hey You! @Battlehack Toronto

Android | July 2015

- Developed navigation for app in Java to remind roommates to do chores

// EDUCATION

Candidate for Bachelors of Software Engineering,

@University of Waterloo
2014-2019 (expected)

// INTERESTS

- UI/UX design, iOS dev, A.I.
- archery, martial arts, swimming