TAIMENG LIU
(but call me TAMMY)

✉ hello@tammyliu.me
⌨ github.com/aneedalie
☎ +1(647) 995-3366

// EXPERIENCE

Backend Developer @ **Hootsuite Media Inc.**
Scala, PHP, Play Framework | Jan — Apr 2016

- Contributed to a high performance backend **Scala** service, from its inception to deployment and testing in production
- Built **REST API** endpoints and accompanying **SDK** for Scala and PHP
- Established and implemented best practices for re-architecting monolithic **PHP** code into an independent Scala service
- Developed production health and status checks for a new microservice communication infrastructure

Front End Developer & Designer @ **MetricWire**
AngularJS, MongoDB, JavaScript, HTML, CSS | May — Aug 2015

- Designed web and mobile **UI/UX** for entire platform
- 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

// EXTRA-CURRICULARS

Controls Team Lead @ **UW NanoRobotics Group (NRG)**
Python | Sept 2014 — Present

- Built controls GUI features to maneuver micro robots with actuators and solenoids
- Maintain and develop organization website
- Won 2nd internationally for the Autonomous Mobility & Accuracy in the Mobile Microrobotics challenge at ICRA 2015

Project Manager @ **Tech Retreat**
May 2015 — Present

- Supervised and planned Hackathon and Learnathon for 150 students
- Coordinated event design, logistics, and judging with a team of 22 other organizers

// SKILLS

Languages:

Scala	JavaScript
C++	PHP
Java	HTML
Python	CSS

Tools & Software:

Git, Sketch,
Adobe Photoshop,
InDesign, Illustrator

// PROJECTS

Vandroid
@VanHacks 2016
Android, JavaScript

- Security app for domestic violence victims

// EDUCATION

Candidate for Bachelors of Software Engineering
@University of Waterloo
2014 — 2019 (expected)

// INTERESTS

- A.I., iOS, UI/UX
- Archery, Martial Arts, Swimming