TAIMENG LIU
(but call me TAMMY)

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// 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 quality alerting and status checks for a new micro service communication infrastructure

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

// 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
- and maintain organization website
- Won 2nd internationally for the Autonomous Mobility & Accuracy in the Mobile Microrobotics challenge at ICRA 2015

Project Manager 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 22 other organizers

// SKILLS

Languages:
Scala, C, C++, Java
JavaScript, HTML, CSS
PHP, Python

Tools & Software:
Git, Sketch 3
Adobe Photoshop, InDesign, Illustrator

// PROJECTS

Vandroid
@VanHacks 2016
JavaScript

- Security app backend for domestic violence victims

// EDUCATION

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

// INTERESTS

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