

David Zhang

Candidate for Bachelor
of Software Engineering



davzee@hotmail.com



davzhang.me



github.com/davidozhang



linkedin.com/in/davzhang1

Languages

Python, C++, Java,
JavaScript, HTML, CSS,
SQL, CQL, PHP,
Shell Scripting

Databases

MySQL, MariaDB,
SQLite, Cassandra,
Redis

Frameworks

Flask, Pyramid,
AngularJS,
Node.JS,
Pebble SDK,
Pygame

Tools & Libraries

Git, Arcanist, Phabricator,
SQLAlchemy, Alembic,
Vagrant, Docker,
Bower, Grunt, Jasmine,
XCode, Eclipse,
Apache Kafka, RabbitMQ,
AWS SNS/SQS

Work Experience

Fullstack Web Developer, OANDA Corp.
Sep 2015 - Present

Backend Web Developer, EventMobi
Jan-Apr 2015

- Implemented RabbitMQ-based queue and concurrent worker system for asynchronous web API
- Developed Flask-based RESTful API services and endpoints to enhance scalability and data monitoring
- Lead the development team in retiring legacy content manager, moved critical business logic into Python API
- Resolved full-stack issues, earned customer appraisal

SIEM Software Engineer, Trustwave Inc.
Apr-Aug 2014

- Developed Java/Python tools that enhanced management productivity and SIEM Next-Gen testing
- Performed R&D for migration from MySQL to MariaDB and Cassandra, presented in front of entire company
- Optimized Trustwave's Kafka-based distributed messaging system for SIEM Next-Gen

Projects

Personal Website – Powered by Jekyll
github.com/davidozhang/davidozhang.github.io

Slack Open-PR Reminder – Winner of Eventmobi Hackathon
github.com/davidozhang/slack-reminder

Restling API – Prototypical, scalable RESTful API
github.com/davidozhang/restling

Co-op Network – Prototype LAMP-stack web application for improving co-op job finding experience
github.com/davidozhang/coop-network

Education

University of Waterloo

Sep 2013 - Present

- Expected Graduation in 2018