

Christopher Su

github.com/csu
hello@christopher.su

EXPERIENCE

Facebook **Dec. 2017 – Present**
Software Engineer *Menlo Park, CA*

Microsoft **Apr. 2016 – Nov. 2017**
Software Engineer *Redmond, WA*

- Worked on Azure Service Fabric, a distributed systems platform for deploying and managing applications consisting of microservices or containers.
- Improved the performance, reliability, and manageability of the Reliability Subsystem which involves “mechanisms such as replication, resource management, and failover” (docs.microsoft.com).

Google **Jun. 2015 – Sep. 2015**
Software Engineering Intern *Seattle, WA*

- Joined the DoubleClick Search team. Migrated components from Java & GWT to Dart & AngularDart.

Microsoft **Mar. 2015 – Jun. 2015**
Software Engineering Intern *Redmond, WA*

- Joined the Azure Service Fabric team. Worked on the scalability and testing of the Reliability Subsystem.

Cisco **Jun. 2014 – Sep. 2014**
Software Engineering Intern *San Jose, CA*

- Joined the Data Virtualization team. Wrote tools to parse and analyze data from logs and archive files.

EDUCATION

University of Washington **Sep. 2013 – Mar. 2016**
B.S. Computer Science *Seattle, WA*

PROJECTS

(more at <https://christopher.su/projects>)

Modular API
Python, Flask, JavaScript

- A framework for quickly building REST APIs from subcomponents in Python.
- Reflectively imports submodule routes.
- Crude dependency injection system.

Batch SMS
Python, SQL, Twilio API

- A library for sending batches of text messages to a large number of recipients quickly.
- Handles API rate limiting and to/from number association. Multi-threaded.

NetViz
JavaScript, D3.js, Socket.io

- A tool for visualizing network/graph data in real-time from streamed logs.

“It’s Showtime”
Python, Flask, Postgres, Less

- Suggests movies by comparing users’ tastes to those of thousands of professional critics.

SKILLS

Programming (Proficient)	Java, Python, C++, JavaScript
Programming (Familiar)	C#, C, PHP, Ruby, Dart, Scheme/Racket, Haskell
Libraries/Platforms	Flask, Node.js, Express, jQuery, D3, AngularDart, Serverless
Markup/Templating	HTML, CSS, Sass, Less, Liquid, Jinja, Jade, \LaTeX
Data/Databases	SQL, Machine Learning, SQL Server, Redis, Elasticsearch

ACTIVITIES

DubHacks	<i>Hackathon at the UW</i>	Organizer (2014-2016)
UW Hackers	<i>Student Developer Club</i>	Student Officer (2014-2015)