Christopher Su

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EDUCATION

University of Washington *Sept. 2013 – Mar. 2016*
B.S. Computer Science. **Dean's List** (every quarter). Seattle, WA.

WORK EXPERIENCE

Microsoft, Software Engineer *Apr. 2016 – Present*
- Joined the Azure: Hyperscale Compute team in Redmond, WA.
- Working on the Reliability Subsystem of Azure Service Fabric, a distributed systems platform:
  "The reliability subsystem is responsible for the reliability of Service Fabric services through mechanisms such as replication, resource management, and failover." (source: docs.microsoft.com)

Google, Software Engineering Intern *Jun. 2015 – Sept. 2015*
- Joined the AdWords: DoubleClick Search team in Kirkland, WA.
- Migrated web application components from Java and GWT to Dart and AngularDart.

Microsoft, Software Engineer Intern *Mar. 2015 – Jun. 2015*
- Joined the Azure: Hyperscale Compute team in Redmond, WA.
- Worked on Azure Service Fabric, a distributed systems platform.

Cisco, Software Engineer Intern *Jun. 2014 – Sept. 2014*
- Joined the Data Virtualization team in San Jose, CA. Campus Ambassador for UW.
- Wrote parsers and interfaces to analyze data from logs and archive files.

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, C#
Programming (Familiar)	C, PHP, Go, Ruby, Dart, Scheme/Racket, Haskell, Prolog, Fortran
Libraries/Platforms	Node.js, Express, Flask, jQuery, D3, AngularDart, Socket.io
Markup/Templating	HTML, CSS, Sass, Less, Liquid, Jinja, Jade, LaTeX
Data/Databases	SQL, Machine Learning, SQL Server, Redis, Elasticsearch

ACTIVITIES

DubHacks	*Hackathon at the UW*	Organizer (2014-2016)
UW Hackers	*Student Developer Club*	Student Officer (2014-2015)