

Bill Liu

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Experience:

Senior Software Engineer - Google LLC - Mountain View, CA - August 2016 - Present

- Architected and led 3 junior engineers in developing a new entitlement microservice in Java
- Grew child account sign-up 100x by architecting and landing projects within the sign-in flow using Javascript
- Scaled up a new development team by being technical point-of-contact on an internal tool used by all Google projects
- Productionize services with monitoring, automated deployments, and participation in 24 hour on-call
- Interviewed 75+ candidates for Google

Web Development Team Lead - Wolfram Alpha LLC - Champaign, IL - May 2015 to July 2016

- Rewrote the client code of www.wolframalpha.com from jQuery/Backbone to Angular.js
- Collaborated with UX and testing teams to deliver UX refreshes on main site
- Maintained REST API with Java, Tomcat, Jersey, and MySQL
- Mentored and helped other members of development team
- Refined non-coding processes in Git, bug reporting, code-reviews, interviewing, and Jenkins deployments

Web Developer Intern - Wolfram Research, Inc. - Champaign, IL - Nov. 2013 to May 2015

- Sole technical ownership and maintenance of community.wolfram.com, a Java/Tomcat/Liferay/MySQL application
- Implemented a database query cache to help the application scale to an increasing user base
- Implemented new features such as a Markdown editor and Amazon S3 file uploader
- Collaborated with design, UX, and testing teams

Summer Technology Analyst - JPMorgan Chase - Chicago, IL - Jun. 2013 to Aug. 2013

- Wrote and implemented a unit testing framework with JMockit that allowed for increased unit testing coverage
- Increased unit testing coverage across the entire project from nearly 0% to 40%
- Instructed and helped team members in usage of the framework
- Participated in the Agile development process to meet release schedules and deadlines

Education:

University of Illinois at Champaign-Urbana - B.S. Computer Science - Class of 2015