

ERIKA SHIROMA

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EDUCATION

University of Washington

graduation date: Dec 2015

B.S. in Computer Science
(Minor in Mathematics)

GPA: 3.86 (Major GPA: 3.92)
(Annual Dean's List)

TECHNICAL SKILLS

Languages/Frameworks

Java, C, Javascript, HTML/
XML, CSS, AngularDart,
Charted (d3.js), Node.js, C++,
Python, LaTeX

Tools

Git (SourceTree/bash), Eclipse

Adobe Creative Suite

Illustrator, Photoshop,
Indesign

OTHER INTERESTS

Weightlifting, hiking, keyboard
shortcuts, and hand lettering

EXPERIENCE

Google - Software Engineering Intern

Jun–Sept 2015

Worked on AdWords, Google's flagship platform for millions of advertisers

Integrated feedback from observing user studies and shadowing customer service

Cozi – Software Development Engineer Intern

Jun 2014–May 2015

Developed UX and new features in the Cozi Android app for over 12 million users

Reduced latency by converting codebase to a new JSON serialization library

UW CSE – Undergraduate Teaching Assistant

Jan–Mar 2014

Taught a class of 20-25, graded exams/assignments, aided students in the study lab

Accounting Professionals & Freelance – Graphic Designer

Jan 2009–Present

Designed, constructed, and maintains websites for small businesses

Created textbook covers and illustrations, company logos, graphics, stationary, etc.

PROJECTS

Auction Metrics

(AngularDart, Charted, HTML, CSS, Java)

Explored data visualizations of metrics, including segmentation over time/by device

Full-stack implementation included querying servers, parsing data, communicating between layers via RPCs, and displaying the results intuitively and aesthetically

Cozi Today

(Android: Java, XML, REST)

Added over a dozen new custom cards (400% increase) to Cozi's own "Google Now," presenting users with upcoming events, birthday reminders, daily recipes, and more

Created a flexible, generalized card, supporting dynamic card scheduling for the first time, and eliminating future development time spent on new cards

Tor61

(Node.js)

Implemented a simplified version of Tor, an internet overlay network that provides anonymity to users by sending data packets through multiple routers

Managed complex state, error-handling (dropped connections, potentially malicious users), and inter-operation with others' separate Tor implementations