

Zachary Bush | Resume

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Experience

Google

Site Reliability Engineer

Mountain View, CA

2015–present

- Member of Annealing Dev team
 - Helped build the UI for an intent-based production management system
- Member of Bandwidth SRE team
 - Helped to manage Google's global-scale SDN stack
 - Improved systems for rolling out changes to the stack to reduce toil

Cisco Cloud Networking Group

Member of Technical Staff

San Francisco, CA

2013–2015

- Member of the small team that built the MC74 phone
 - Built early-stage UI
 - Implemented many firmware features including dual-partition firmware updates
- Core member of the Meraki mobile app team
 - Launched a mobile app for iOS and Android in under six months
 - Implemented much of the application's build process

Meraki, Inc.

Engineering Intern

San Francisco, CA

May 2012–Aug 2012

- Worked on the "special ops" team to build projects for large clients such as Acorr Hotels and Telmex

Berkeley Simulation Software

Software Consultant

Berkeley, CA

2008–2013

- Rewrote company website (berkeleysimulation.com)

Education

UC Berkeley

BA, Computer Science

Berkeley, CA

2011–2013

Projects

zmbush/budgetron: A personal budgeting program, written in Rust

Cisco-Meraki-CFG/LightBikes: A programming challenge for a Coding For Grub at Cal

zmbush/coffeelint-ruby: Ruby/Rails binding for coffeelint (a coffeescript linting library)

copacetic/tabulator: A python/curses based point-of-sale terminal (Winning entry of the 2013 CSUA Hackathon)

zmbush/nameserver: A Rudimentary nameserver written in python

GamesCrafters/Gamesman5: Team lead for the HTML5 team

Coding skills

Compiled: Rust, C++, C, Java, Fortran

Web: HTML5, CSS, SQL, JavaScript, React, Rails

Scripting: Node, Python, Ruby, Bash

Mobile: Android, Some iOS