

KARINA GOOT

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in <https://www.linkedin.com/in/kgoot> 🐙 <https://github.com/kgoot>

EDUCATION

University of California, Berkeley

B.A. in Computer Science

May 2018 (Expected)

GPA: 3.72 (Honors)

EXPERIENCE

Lyft

Incoming Software Engineer

August 2018

San Francisco, CA

Google

Site Reliability Engineering Intern, Cloud Performance Monitoring Team

May 2017 - August 2017

San Francisco, CA

- Implement a system to track Service Level Objectives for customers and notify teams when they are exhausting their SLOs
- Build a Java Boq Server to interface with a Dremel Database to detect impending SLO violations and error budget burn
- Design a notification system on top of the Data Analyzer to alert SLO Repository customers about trends in their data

UC Berkeley EECS Department

CS61A Undergraduate Student Instructor

January 2017 - Present

Berkeley, CA

- Teach weekly 90-minute discussion sections and labs for 30 students, host office hours, and lead exam review sessions
- Create course content, exam questions, discussion slides and worksheets, conceptual guides and supplementary materials

Coursera

KPCB Engineering Fellow, Software Engineering Intern

May 2016 - August 2016

Mountain View, CA

- Selected from a pool of 3,000 applicants to participate in KPCB's fellowship program in technology and entrepreneurship
- Redesigned the assignment submission system using Scala & SQL, so that users' submissions persist across different sessions
- Refactored Coursera's grading model to eliminate redundant data in S3/Redshift data store and reduce network call latency

Tidepool

Software Engineering Intern

May 2015 - August 2015

San Francisco, CA

- Developed a Python command line tool to generate fake diabetes data according to Tidepool's medical data model
- Built data visualizations using D3 and C3 to transform diabetes data and learn about the effects of insulin on patients

International Computer Science Institute

Teaching Privacy Project Intern

January 2015 - May 2015

Berkeley, CA

PROFESSIONAL DEVELOPMENT AND LEADERSHIP

Net Impact Berkeley

Vice President of Consulting

September 2015 - Present

Berkeley, CA

- Selected out of 300 applicants as an Associate Consultant for social enterprises, non-profits and sustainable businesses
- Led a team of five consultants as a Project Manager devising a revenue growth strategy for a nation wide non-profit

CS Scholars Program

January 2015 - Present

- Admitted to selective program that provides an individualized education through Berkeley's core CS courses
- Network with students and faculty and participate in academic, leadership and professional development programs

SKILLS

Skills - Proficient:

Python | Java | Scala | LaTeX

Skills - Familiar with and further pursuing:

SQL | Scheme | C | MIPS Assembly | HTML | CSS | JavaScript | D3

Languages:

Native proficiency: English, Russian, Hebrew | Basic proficiency: Spanish