

KARINA GOOT

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EDUCATION

University of California, Berkeley May 2018 (Expected)
B.A. in Computer Science GPA: 3.75 (Honors)

EXPERIENCE

Lyft August 2018
Incoming Software Engineer San Francisco, CA

Google May 2017 - August 2017
Site Reliability Engineering Intern, Cloud Performance Monitoring Team 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 impeding 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 January 2017 - Present
CS61A and DS100 Undergraduate Student Instructor 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 May 2016 - August 2016
KPCB Engineering Fellow, Software Engineering Intern 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 May 2015 - August 2015
Software Engineering Intern 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 January 2015 - May 2015
Teaching Privacy Project Intern Berkeley, CA

PROFESSIONAL DEVELOPMENT AND LEADERSHIP

Net Impact Berkeley September 2015 - Present
Vice President of Consulting 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 | NumPy | Pandas | Seaborn

Skills - Familiar with and further pursuing:

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

Languages:

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