Revati Kapshikar

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EDUCATION

UC BERKELEY

B.S. Electrical Engineering & Computer Sciences
B.A. Economics
Expected December 2018

AMERICAN HIGH SCHOOL

Grad. May 2014 | Fremont, CA
2400 SAT Score
Valedictorian

COURSEWORK

Engineering

- Discrete Math & Probability
- Efficient Algorithms & Intractable Problems
- Data Structures
- Computer Architecture
- Artificial Intelligence
- Multivariable Calculus
- Linear Algebra & Differential Equations
- Operating Systems
- Databases
- Nonlinear and Discrete Optimization

Economics

- History of Economic Thought
- Statistics
- Game Theory in the Social Sciences
- Microeconomic Theory
- Macroeconomic Theory
- Corporate Finance

SKILLS

5000+ lines: Java • Python • C
1000+ lines: C++ • SQL • JS
Familiar: Scheme • Swift • C#
Other: Mongo • Azure • PowerBI • Node • D3 • Django

EXPERIENCE

WORKDAY | product management intern
Pleasanton, CA ▪ May 2017 to present

DAILY CALIFORNIAN | data desk lead
Berkeley, CA ▪ December 2016 to present

- Working on data analysis and visualizations to tell compelling stories for the data desk at the Daily Californian
- Managing a team of 10 reporters/developers in investigating and displaying data for short and long term multimedia datajournalism projects

MICROSOFT | software engineering intern
Redmond, WA ▪ May 2016 to Aug 2016

- Developed on Microsoft's Cosmos big data platform to create fluid metric dashboards for Virtual Studio Team Services (VSTS) developer teams
- Designed and implemented exceptions dashboard for VSTS features and services – will be utilized by over 500 Microsoft developers

GOOGLE | software engineering intern
Mountain View, CA ▪ May 2015 - Aug 2015

- Built web server for Streetview Launch team with C++ backend and Javascript frontend
- Implemented end-to-end functionality for visual debugging to assist in automating the Streetview panorama launch pipeline

BERKELEY OFFICE OF THE CTO | Chief Technology Officer
Berkeley, CA ▪ Jan 2016 – present

- Leading proposals and prioritization of feature updates for four flagship products (including mobile app and courses web portal)
- Managing an office of 30+ developers to provide quality software and on-campus technology resources
- Advising and counseling the general student body and student leadership about technology-related policy and advocacy

OTHER PROJECTS

- **YANNOTATOR** | CalHacks 2016: Youtube video annotator web application that supports keyboard and speech-to-text note-taking. Notes show up at specified start time and persist for a user-set period of time as video plays. Annotations allow real-time collaboration through room codes so that annotated videos can be shared and modified by others

- **BT TRACKER** | PennApps 2016 | *Honorable Mention, Best Use of Mongo*: Mobile and web application for finding missing moving objects; relies on inexpensive Bluetooth beacons and the Markov Chain Monte Carlo algorithm