Anokhi Kastia

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I am a highly motivated student intending to create and contribute to the world using my skills. My main interests currently lie in computer and cognitive science. I would be interested in a software engineering or a product management internship.

EDUCATION

University of California, Berkeley — 2014 - Dec 2018, GPA: 3.54
• Computer Science, Cognitive Science

West-Windsor Plainsboro High School South, NJ — 2010 - 2014

COURSEWORK

Discrete Mathematics and Probability Theory, Data Structure and Algorithms, Linear Algebra, Multivariable Calculus, Structure and Interpretation of Computer Programs, Machine Structures, Data Management, Advanced Algorithms, Artificial Intelligence, Computer Security, Software Engineering, Database Systems, iOS Development, Operating Systems and Systems Programming, (Fall 2018) Computer Networks (Fall 2018)

Skills: Python, Ruby on Rails, Java, C++, SQL, R, HTML, CSS, iOS (learning), Git, Agile

EXPERIENCE

Software engineering Intern - Federal Reserve Bank of St. Louis—Summer 2018

- Conducted data analysis on the usage of Java applications using SQL, R and Excel
- Wrote scripts in Ansible and Python to unzip, download files and run SQL scripts

Research Assistant (Design for Social Impact) — Spring 2016

• Worked and debugged an app using R, Shiny, Leaflet

Research Assistant (Cognition and Action Lab) — Summer 2015

• Conducted experiments to investigate individual differences in neural control of eye movements.
• Helped set up Pupils Software.

Berkeley Institute of Data Science Research Assistant — Fall 2015

• Worked on Brainspell - a website for neuroscience literature (www.brainspell.org) • Helped update the website by adding a download button
• Used PHP to collect the x,y,z co-ordinates from the webpage

Member of CS Scholars (2014-15)

• a program meant to help underrepresented students who have not had the necessary resources to help them succeed in CS

CLASS PROJECTS

- **Search: A Python project that implements different search algorithms and heuristics to help Pacman complete the game**
- **Gitlet (Java and C++) - Mimics the basic functions of Git and stores backup files on a local drive**
- **Course Question Bank: Group Agile project in Ruby on Rails to improve multiple choice testing website**
- **Joins: Implemented simple, block, index and sort-merge joins in Java**
- **Query Optimizer: Implemented a system R optimizer that selects left deep join plans based on the queries given**