Ruta Joshi

Student and Future Entrepreneur at UC Berkeley

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Education

B.A. Computer Science and Data Science   *2015 – 2019 (expected)*
University of California, Berkeley
GPA: 4.0

Experience

- **Paid tutor/reader at** UC Berkeley for Data 8: Foundations of Data Science   *1/2016-current*
  Providing small group tutoring , setting grading rubrics, and working with course staff for a class of 600+ students.
- **Marketing and Business Development Intern at Codenvy (codenvy.com)**   *6/2015 - 8/2015*
  Led a project to create a market map of containers and how they disrupt DevOps. Worked under CEO Tyler Jewell, learned about market research, collaboration, containers
- **Interned at Iridescent (iridescentlearning.org)**   *12/2013 - 7/2013*
  Led a promotions/media effort through video-journalism, taught programming to high school students around the bay area
- **Interned at Stroller Hikes (strollerhikes.com)**   *6/2013 - 8/2013*
  Learned FTP and web development front-end and back-end programming (php javascript, html, css) working under former CEO and founder Deborah Frazier)
- **Founder and President of MV Hacks (1st school hackathon)**   *7/2014 - 7/2015*
  Organized Monta Vista High School's first (now annual and district-wide) high school hackathon. Practiced leadership, programming, business management, event organization, collaboration, communication, public speaking, teamwork.

Skills

Python, Java, Scheme, SQL, data analysis, marketing, leadership.

Research

Cleantech Competition International Top 25: research in nitrate reduction and water pollution for clean technologies. Also researched cancerous proliferation in yeast cells.
Skills Practiced: resource collection, experimentation, process analysis, data analysis, etc.), entrepreneurial analysis of product viability   *8/2012 - 7/2015*
Current Projects: Dimensionality Reduction, Data Mining with Professor Greg Niemeyer
Papers: Available to download at rutajoshi.github.io

Relevant Coursework

Structure and Interpretation of Computer Programs – CS61A
Foundations of Data Science – DS8 (currently CS8)
Data Structures – CS61B (in progress)
Discrete Mathematics and Probability – CS70 (in progress)   *References available upon request*