

Janesh Chhabra

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Objective

Innovative and passionate student with experience working as a software engineer in the industry, looking to learn more and do research about Big Data, Data Analysis, Forecasting, and Machine Learning.

Skills & Abilities

Languages/Technologies: Java, Scala, Python, Hadoop, Spark, C, Javascript, HTML/CSS, Assembly, Git, Unix,

Education

University of California, Santa Cruz — BS in Computer Science 2015 — 2019

GPA: 3.86/4

Honors: Dean's Honors, Baskin Endowed Scholarship, David S. Lee Scholarship

Relevant Coursework: Data Structures, Algorithms and Abstract Data Types, Computer Systems and Assembly Language, Interactive Visualizations, Open Source Programming, Computability and Computational Models, Machine Learning, Operating Systems, Technical Writing for Computer Science

Experience

Software Developer Intern — Amazon (Seattle) 6/2017 — 9/2017

- Worked on a project to estimate demand when a product is out of stock
- New implementation was 550% faster than the old implementation
- Increased forecast accuracy by 1-3% (varying based on region)
- Worked with Big Data, Spark, Hadoop, and Scala

BRICS: GDP and Human Development — Co-Developer

- Created an interactive visualization to compare BRICS nations over time (1970-2050) 11/2016 — 12/2017
- D3.js used as the library to create the visualization
- Mined and interpolated data from various government agencies

Instructor — iD Tech (Stanford)

6/2016 — 8/2016

- Taught children 10-12 years of age to program in Java
- Made lesson plans for each session that would go beyond curriculum goals
- Taught students project planning to create a unique project by the end of each session

Leadership

Corporate Relations Officer — Society of Asian Scientists and Engineers (SASE)

Responsible for reaching out to professionals, conducting workshops, helping club with meetings, and helping members with their professional development