

GURJIT SINGH

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OBJECTIVE

To obtain a position in software development in order to further develop my skills and contribute to real world projects

EDUCATION

UC Berkeley

Berkeley, CA
2013 – 2017
Computer Science

Relevant Courses:

- CS61A - Structure and Interpretation of Computer Programs (Python, Scheme); grade achieved: A-
- Math 1B (Calculus II); grade achieved: B+
- Current courses: CS61B - Data Structures (Java); Math 54 - Linear Algebra & Differential Equations
- Technical GPA: 3.5

Hayward High School

Hayward, CA
2009 -2013 (High School Diploma)

Awards and Achievements:

- AP Scholar with Distinction
- 2009 MESA regional math, first place winner
- President of the California Scholarship Federation Club and Math Club
- 4.0 unweighted
- Salutatorian

PROJECTS

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|----------------------------|---|
| Hog (Class) | • Implemented the game of Hog in Python and created an automated strategy with a 62% win rate |
| Trends (Class) | • Gathered and mapped sentiments around certain words in the U.S using Twitter data using python |
| Ants (Class) | • Implemented a Plants VS Zombies like game using object-oriented programming in python |
| Scheme (Class) | • Created an interpreter in python to parse and execute scheme code |
| Image manipulation (Class) | • Implemented blurring, edge detection and compressing of images in java |
| Hungry Bear | • Implemented data scraping for web app that gathers data from Cal Dining website and notifying, via text or email, users when their favorite meals are being served. Used python, Django, and beautifulsoup. |

SKILLS

- Extensive experience in Python, Scheme, and declarative programing
- Currently developing skills with Java in current course, CS61b
- Ability to learn new skills and programming languages very quickly
- Very hard working, determined and self-driven
- Great troubleshooting and problem solving skills
- Experience with Windows, Mac OS, and Linux
- Bilingual in English and Punjabi

EXPERIENCE

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| [2011 -2012] | Assistant to systems administrator at Hayward High. Communicated effectively with teachers to resolve technology related issues. Fixed hardware, diagnosed issues, imaged computers, etc. |
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