Mohamed Elgharbawy

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY   2019-2021
Computer Science Bachelor of Arts

DE ANZA COLLEGE   2016-2019
Associates: Liberal Arts - Science, Math and Engineering Emphasis

SKILLS

Languages: **Advanced**: C++, Java; **Intermediate**: Swift, Python; **Learning**: HTML, CSS, x86 Assembly

Software & Libraries: MySQL, Apache, PhpMyAdmin, Pandas, jsoup

WORK EXPERIENCE

Computer Information Systems Department - De Anza College   Cupertino, CA
Computer Science Teaching Assistant   January 2019 - March 2019

- Aided 40+ computer science students with understanding the fundamentals of programming
- Java was the primary language used

AI Health, Inc.   Sunnyvale, CA
Computer Science Intern   July 2018 - December 2018
- Developed an anti-fraud software for dental offices using C++, Python, and SQL
- Worked with databases containing millions of entries
- Reduced CSV manipulation scripts' runtimes significantly

PROJECTS

GitHub: https://github.com/MohamedElgharbawy

Online Storefront (C++): The final group project for my Data Abstract & Structures class.
- Uses a graphical user interface to display tablet convertible laptops, and offers services for both employees and customers.
- Encompasses a wide variety of data structures.
- I was the team coordinator and worked on the implementation of our classes.
- Over 8,000 lines of code.

UC Webscrape (Java): An independent project completed in order to strengthen my Java skills.
- Uses jsoup to pull information from the official UC websites
- Displays statistics, application questions, and more.