Mohamed Elgharbawy

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Proven Teamwork Abilities ✎ *Versatile Technological Skills* ✎ *Rapid Learner*

- Undergraduate student at the University of California, Berkeley, where studies have encompassed a range of technological & teamwork disciplines.

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY, 2019-2021 (Expected)

DE ANZA COLLEGE, 2016-2019 (Transfer)

Computer Science Bachelor of Arts

Leadership Activities:
- **Vice President of Membership,** Phi Theta Kappa *(Honor Society): May 2017 - May 2018*
- **President,** Phi Theta Kappa*: May 2018 - June 2019*
- **Senior Tutor,** Writing and Reading Center *(Tutors students in English, while also mentoring new-hire tutors)*

Course Highlights:

Data Abstract & Structures	Physics: Mechanics	Discrete Mathematics
Programming Methodology C++	Computer Programming using Java	Differential Equations
x86 Assembly Language	Calculus	Linear Algebra

WORK EXPERIENCE

Computer Information Systems Department - De Anza College, Cupertino, CA
Computer Science Teaching Assistant, January 2019 - March 2019
Aided other college students with understanding and grasping the fundamentals of programming (specifically Java)

AI Health, Inc. — Sunnyvale, CA
Computer Science Intern, July 2018 - December 2018
Developed an anti-fraud software for dental offices. C++ was the primary language used.

Writing and Reading Center — De Anza College, Cupertino, CA
Tutor *(Year-round employment simultaneous with college studies),* 2016-2017
Senior Tutor, 2017-2018

PROGRAMMING

- **C++**: Advanced (Experienced with Data Structures and Algorithms)
- **Java**: Advanced
- **Python**: Intermediate
- **iOS Development:** Intermediate
- **HTML & CSS:** Learning
- **x86 Assembly**: Basic

Experienced with Visual Studio, Eclipse, Atom, IntelliJ IDEA CE, Brackets, and Xcode.

Knowledgable with MySQL, Apache, and PhpMyAdmin.

Proficient on both Windows and MacOS.

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 Main.

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

VOLUNTEERISM

Phi Theta Kappa Honor Society ◆ Al-Arqam School ◆ Sunnyvale Winter Homeless Shelter