

# Yousef Helal

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## EDUCATION

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### De Anza College, Cupertino

*Bachelor of Science in Computer Science and Electrical Engineering*

June 2023  
GPA: 4.00 / 4.00

#### Coursework:

- De Anza College
  - C++, Data Structures, Python, Java, Linear Algebra, Physics, Calculus
- UC Berkeley
  - Structure and Interpretation of Computer Programs

Awards: Honors Program, Deans List, Phi Theta Kappa

Activities: President Chess Club, Treasurer Competitive Programming Club, Secretary Developers Guild

## TECHINICAL SKILLS

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#### Languages:

- Proficient: Flutter, Dart, C++, Python, React, HTML5, CSS3, SQL, FireBase, Gatsby, Java
- Familiar: Angular, C#, .NET Core

#### Machine Learning Libraries:

- NumPy, Pandas, OpenCV, Keras, PyTorch, Tensorflow

## PROFESSIONAL EXPERIENCE

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### Software Engineering Intern

October 2020 – Present

- Working on developing an interactive website/game as part of the API-CHAT project
- Written with Python, React, Gatsby, HTML, TypeScript, and CSS

### Computer Science Teaching Assistant

March 2020 – Present

Teaching Assistant for the following classes:

- CIS 22B: Intermediate Programming Methodologies in C++
- CIS 22C: Data Structures and Abstraction (Taught in Python, C++, and Java)
- CIS 35A: Introduction to Programming with Java

### Developer, TeacherAct

August 2020 – Present

- Developing a website in Flutter that allows teachers to publish videos for students to watch
- Videos are accompanied with questions and quizzes that allow for greater interaction between the student and the teacher

### Research Assistant, Project at SJSU

August 2020 – Present

Topic: "Phishing website detection using GNN, Deep NLP, Logo Validation, etc, as a chrome plugin or web application (Fake website detection using logo validation)"

### Organizer, DA Hack

October 2020

- Part of a team developing the website for, and helping to organize, De Anza College's first hacktoberfest hackathon
- More information on the hackathon can be found here: <https://dahack.dev/>.
- Made using Gatsby, React, HTML, CSS, GraphQL and TypeScript