

ABDUL EL-SAIED

SF Bay Area | EECS @ UCB | [Portfolio Website](#) | abdul.elsaied@berkeley.edu | 510.508.7647 | [GitHub](#) | [LinkedIn](#)

Tech Skills: Python, Flask, Java, HTML/CSS, JS, SQL, C++, Go, Angular/React, WebSockets, GCP, Git, NumPy

Relevant Work Experience

FULL-STACK SOFTWARE DEVELOPER

Develop for Good, Stanford University

Apr 2021 - Jan 2022

- Collaborated cross-functionally with PM and designers to develop a responsive round-up modal for a merchant's storefront that allows customers to round up purchases for charity, increasing monthly donation volume by **29%**.
- Implemented an admin dashboard with real-time data visualizations in **Chart.js** with **Flask/PostgreSQL**.

SOFTWARE ENGINEERING INTERN

Rendezview.io

Jan 2021 - June 2021

- Hired as first intern for visual team collaboration app, tasked with helping product team use data to understand different pain points along the user journey.
- Implemented Event Tracking with **GCP (Cloud Firestore)** and used **Python scripts** to present meaningful insights and recommendations to leadership, increasing retention by **38%**.

COMPUTER SCIENCE ACADEMIC INTERN

UC Berkeley, CS61A

Summer 2019 & Fall 2019

- Supervised weekly labs and office hours with **30+** students; broke down complex technical concepts into easier to understand ideas through mini-lectures, guides and personalized 1x1 mentorship.

Personal Projects

FULL-STACK WEB APP

ChessKey

Present

- Building a full-stack [chess application](#) from scratch where users can quickly create chess games with a shareable link, without the need to login to any of the popular chess sites.
- Some features include customizable game settings and a live chat between users. Ask me about my project!
- Technologies Used: **Python/Flask** (back-end) **PostgreSQL** (db) **HTML/CSS/JS** (front-end) **WebSockets**.

WEB, UI DEVELOPMENT

Personal Website

Summer 2020

- Designed and coded a [portfolio website](#) using **HTML/CSS** and **JavaScript**; implemented **responsive** and user-centric **UX** practices.

EDUCATION

Bachelors of Science - Electrical Engineering and Computer Science (EECS)

University of California, Berkeley, December 2022

Relevant Coursework: Structure of Computer Programs (61A), **Data Structures** (61B), **Computer Architecture** (61C), Designing Information Devices & Systems (EECS16A/16B), **Discrete Mathematics & Probability Theory** (CS70), Efficient **Algorithms**/Intractable Problems (CS170), **Artificial Intelligence** (CS188), **Data Science** (DATA8), Data Science (DS100, **Pandas**, **NumPy** and **Scikit-learn**), **Computer Security** (CS161), **Database Systems** (CS186), Ethics in CS/DS (H195/DS104)

Other Experiences

Technical Writer, Medium | July 2021 - Present

- In my free time, I publish articles about various tech concepts - stay tuned for more!

Technical Mentor, Mozilla Builders Incubator | Dec 2020 - Mar 2021

- Front-end mentor at Mozilla's Open Lab; lead technical office hours for events, workshops and hackathons.

Outpatient Center Greeter, UCSF Children's Hospital | Summer 2019

- Welcomed patients and health professionals; guided patients and assisted with onboarding new volunteers.

DubHacks 2019 | University of Washington | Fall 2019

- Prototyped an eCommerce marketplace for underserved youth; won a travel scholarship to attend.