# ABDUL EL-SAIED

EECS @ UC Berkeley | Portfolio Website | abdul.elsaied@berkeley.edu | 510.508.7647 | GitHub | LinkedIn

**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.
• Implemented an admin dashboard with real-time data visualizations in **Chart.js** and backend with **Flask/PostgreSQL**.

**SOFTWARE ENGINEERING INTERN**
**Rendezview.io**                                                            Jan 2021 - June 2021
• Implemented Event Tracking with **GCP (Cloud Firestore)** and used **Python scripts** to provide meaningful insight, increasing retention by **38%**.

**COMPUTER SCIENCE ACADEMIC INTERN**
**UC Berkeley, CS61A**                                                    Summer 2019 & Fall 2019
• Supervised weekly labs and office hours with **30+** students; answered academic questions and broke down technical concepts to effectively communicate through mini-lectures and 1:1 mentorship.
• Designed and coded a portfolio website using HTML/CSS and JavaScript; implemented responsive and user-centric UX practices.

**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

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**Bachelors of Science - Electrical Engineering and Computer Science (EECS), Data Science Minor**
**University of California, Berkeley, December 2022**

*Relevant Coursework:* Structure of Computer Programs (61A), **Data Structures** (61B), Great Ideas in **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), Principles of Data Science (DS100, **Pandas**, **NumPy** and **Scikit-learn**), **Software Engineering** (169A), **Computer Security** (CS161), **Database Systems** (CS186), Ethics in CS (H195), Ethics in DS (DS104)

*Tech Skills*: Java, Python, Go, HTML/CSS, JS, Git, Angular, SQL, C++, C, TDD

## LEADERSHIP AND ACTIVITIES

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**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.