

Alicia Danielle

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EDUCATION

University of California, San Diego

Expected Graduation: June 2025

B.S. Mathematics-Computer Science at Seventh College

- Related Course Work: Software Tools and Techniques Laboratory, Computer Organization and Systems Programming, Computer Implementations on Data Structures, Theory of Computability
- Honors: Provost Honors

SKILLS & TECHNOLOGIES

Programming Languages: (Proficient) Java, HTML/CSS; (Familiar) Python, C, JavaScript, C++

Frameworks/Technologies: Linux, Git, React, Firebase

PROFESSIONAL EXPERIENCES

Torrey Pines Elementary School

San Diego, CA

Computer Science Teacher

January 2023- March 2023

- Served as a Computer Science Teacher for 2nd to 5th grade students
- Prepared lessons that reflect accommodations for differences in student learning interests
- Use of technology such as Python, Microsoft Makecode with Microbit, Google CS First

UC San Diego Computer Science and Engineering Department (CSE)

San Diego, CA

Computer Science Tutor

June 2022- August 2022

- Taught for Software Tools and Techniques Laboratory, focusing on Linux, Shell Scripting, and Vim
- Assisted in labs for 9 hours/week to help students debug and answer conceptual questions
- Responsible for reviewing/grading 80 students' quizzes and relevant course exams

Triton Software Engineering

San Diego, CA

TEST Developer

November 2021- June 2022

- Developed a web application page for future Fall 2022 TSE applicants by utilizing React-Bootstrap
- Collaborated with a team of 5 web developers and 3 UI/UX designers to build components of the form using HTML/CSS, JavaScript following the Agile Development Lifecycle

PROJECTS

CS foreach Early Start Program (Team Project: K-pop Messaging App)

October 2022- February 2023

- Develop a Kpop Messaging App with goals of messaging between different users, having notifications and user accounts, basic UI, and calling between users
- Used Figma, Firebase, Python, and React for completion of the project

ACM Hack School (Individual Project: Finance Buddy)

October 2022- December 2022

- Developed a personal finance tracker website centered around full-stack development from a 10-week long technical workshop by ACM at UCSD
- Used MongoDB, Express.js, React.js, and Node.js (MERN Stack) for completion of the project

VOLUNTEER EXPERIENCES

PERMIAS Nasional

Remote

An Indonesian Student Association in the United States

August 2022- Present

Professional Development Officer

- Organize all professional development related events in PERMIAS Nasional (Online/Offline Networking, Networking with VCs, Demo Day), specifically in charge of Southern California areas
- Handle communication between 70+ board members of PERMIAS Nasional, 80+ Indonesian school chapters, 500+ Indonesian professionals in the US, and connections to 100+ Indonesian corporations

ADDITIONAL INFORMATION

Languages: English (fluent), Indonesian (native), Mandarin (elementary)