

Julia Elyssa I. Alberto

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EDUCATION

University of California, Davis

SEPTEMBER 2019 - PRESENT

Undergraduate | Bachelor of Science in Cognitive Science | Minor in Computer Science | GPA: 3.619

- Relevant Cognitive Science Courses: Developmental Psychology | General Psychology | Intermediate Symbolic Logic | Introduction to Biological Psychology | Introduction to Cognitive Science | Introduction to Linguistics | Research Methods in Psychology
- Relevant Computer Science Courses: Data Structures, Algorithms, & Programming | Discrete Mathematics for CS | Ethics in an Age of Technology | Human-Computer Interaction | Introduction to Programming | Object-Oriented Programming | Programming and Problem Solving | Web Programming

EXPERIENCE

UC Davis Center for Mind and Brain, Davis

NOVEMBER 2021 - PRESENT

Research Assistant

- Analyzing and verifying 50+ spatial entities participants recognized from visual and auditory data
- Creating 300+ picture and text stimulus for human eye-tracking experiments on Adobe Photoshop
- Designing 3D computer environments for eye-tracking user-interaction with Blender and Unity

#include, Davis

Technical Manager

JANUARY 2022 - PRESENT

- Managing 15+ technical members to develop a full stack website with HTML, CSS and Javascript in Next.js
- Lead the technical team to create a functional website for UC Davis New Viet Nam Studies Initiative

Technical Associate

SEPTEMBER 2021 - JANUARY 2022

- Recruited 100+ technical and design applicants through various club fairs and class announcements
- Organized technical board and team members' projects, meetings, and weekly schedules

Front End Developer

JANUARY 2021 - JUNE 2021

- Built websites from scratch using HTML, CSS, and Javascript in ReactJS
- Developed responsive website homepage for UC Davis Hyperloop Pod team
- Created a website contact page for the UC Davis African American Parent Support Group catering to those with developmental disabilities

Website Designer

SEPTEMBER 2020 - DECEMBER 2020

- Drafted up website wireframe for the UC Davis Autism Community using Figma
- Researched autism-friendly designs, fonts, and colors to accommodate user needs

SacHacks, Sacramento

AUGUST 2020 - JUNE 2021

Operations Associate

- Reviewed 300+ hacker applications, organized schedules and awards, and finalized 30+ submitted projects
- Established relationships with 10+ company sponsors for the 2021 Sacramento Hackathon
- Responsible for 2021 Hackathon applicant, mentor, and judge recruitments via virtual platforms

Exploratorium, San Francisco

MAY 2019 - SEPTEMBER 2019

Youth Presenter

- Presented physics demonstrations on senses, light, and perception for 50+ people daily
- Dissected cow eyes routinely to teach senses and parts of the human eye to various audiences
- Customized individual experiences suitable to each child's age and family interest

