CHRISTIAN GIDEON | +1 (818) 825-4219 | crgideon19@gmail.com | https://christiangideon.github.io/

EDUCATION

Shiley-Marcos School of Engineering, University of San Diego   San Diego, CA
Bachelor of Science in Computer Science, Magna Cum Laude; Minors in Psychology & Math   May 2023
Department GPA: 3.83, Dean's List every semester
Honors Program
- Competitively selected to join program for high-achieving and academically-motivated students. Only 5% of USD undergraduates graduate from the Honors Program.
- 24 units of Honors coursework focus on approaching complex issues from interdisciplinary perspectives and completing an original independent scholarship project.

RELATED COURSEWORK

Human-Centered Systems   *User-Centered Design and Prototyping*   *Human-Centered Data Science*
Algorithms   Automata and Computability   Object-Oriented Design

WORK EXPERIENCE

Software Development Engineer Intern: *Amazon*   Seattle, WA
- Coded front-end and back-end for internal data processing system for Amazon Product Managers.   05/20-08/21
- Communicated effectively with stakeholders and team members both online and in-person to deliver a data analysis program for Amazon Machine Learning Engineers.

Writing Center Consultant: *University of San Diego*   San Diego, CA
- Advised undergraduate and graduate students on their college writing across various disciplines.   08/20-05/22
- Completed hour-long one-on-one sessions with peers and received feedback for future meetings.

COMPUTER SCIENCE AND PSYCHOLOGY RESEARCH PROJECTS

Senior Project - FirstWork Data Clustering   08/22-05/23
- Partnered with FirstWork company and student team to plan and develop data clustering algorithm.
- Refined an algorithm that clusters defined data based on parameters; algorithm selects best cluster to give recommendations back to adult users about their child's learning progress on FirstWork app.

Honors Thesis - Identifying Helpful Feedback for Guardians of Children with Autism   06/22-05/23
- Conducted research study on parents and guardians of children with autism spectrum disorder.
- Utilized survey with questions in a modified love-breakup letter approach to deduce themes centered around what guardians find important when it comes to their child's learning through technology.
- Produced high-fidelity prototype dashboard in Tableau to model found themes in technological form.

Mood4U Prototypes   08/20-12/20
- Collaborated in a team to develop and prototype user-centered app for Intro to User-Centered Design.
- Created user stories, personas, and storyboards for Mood4U, a mood-tracking and journaling app.
- Tested prototypes with potential users and constructively expanded the design to users' needs.
- Developed low-and-mid-fidelity prototypes using Adobe XD and Axure to demonstrate phone app.

COMPUTER SKILLS

Full stack development in Python, Java, C++, C, Javascript, CSS; Utilize Windows, macOS, Linux operating systems;
Design prototypes in Adobe XD, Axure RP; Generate high-fidelity dashboards in Tableau; Research in UX/UI and HCI.

HONORS AND ACTIVITIES

Amazon Future Engineer Scholarship Recipient   2019-2023
Ultimate Frisbee Club Team Member and Practice Planner   2019-2023
University of San Diego Writing Consultant   2020-2022
Robomatter Virtual World Online Challenge Winner   2016-2017
- Tasked with coding robot to score points for VEX Robotics Competition; World Champion