

James Molamphy

☎ 209.452.6776 | ✉ jmolamph@uci.edu | 🔗 www.linkedin.com/in/james-molamphy

EDUCATION

University of California, Irvine

B.S., COMPUTER SCIENCE | GPA: 3.18

Irvine, CA

June 2022

San Joaquin Delta College

A.A., ARTS AND HUMANITIES | A.A., TEACHER EDUCATION PREPARATION | HONORS | GPA: 3.58

Stockton, CA

May 2018

PROJECT EXPERIENCE

Commit the Change

UI/UX DESIGNER

Irvine, CA

October 2021 - March 2022

- Conducted competitive analysis and research to define user pain points and needs, as well as brainstorm possible solutions.
- Utilized Figma to produce user flows, desktop and mobile wireframes, and prototype pages based on business requirements and feedback.
- Hosted usability-testing sessions after each design iteration to diagnose and solve issues with our solution, improving overall user satisfaction.
- Collaborated with the design and engineering teams through biweekly design sprints and weekly review meetings.

Adversarial Machine Learning

MACHINE LEARNING ENGINEER

Irvine, CA

January 2022 - March 2022

- Implemented a defense system against adversarial attacks for a classification model of CIFAR-10 color images.
- Utilized adversarial training, input transformation, and attack detection techniques to improve our defense's predictions.
- Optimized the effectiveness of our attack detection, raising perturbed image accuracy by 36% without impacting clean accuracy.

Search Engine System

SOFTWARE ENGINEER

Irvine, CA

April 2021 - June 2021

- Led a team in the ground-up development of a Python search engine that utilized a web crawler and indexer.
- Exercised best-practices to handle tens of thousands of documents or pages with response time under 300ms.

WORK EXPERIENCE

Amazon Fulfillment Center

INBOUND/OUTBOUND PIT OPERATOR

Stockton, CA

June 2020 - August 2020

- Stowed inbound goods and retrieved shipments while consistently meeting or exceeding Amazon efficiency standards.
- Maintained a safe working environment through following company safety, quality, and fulfillment production guidelines.

LEADERSHIP EXPERIENCE

Change Thru Games, Circle K International, UC Irvine

DIRECTOR | MARCH 2020, AUGUST 2020, AUGUST 2021

Irvine, CA

March 2020 - November 2021

- Spearheaded the first virtual Change Thru Games; secured over \$1100 for CDP Covid-19 Response Fund in May 2020, over \$1400 for The Breast Cancer Fundraiser in January 2021, and over \$2100 for Feeding America in November 2021.
- Revamped committee structure and reorganized responsibilities to provide sub-committees with a more defined focus, improving overall team satisfaction and efficiency.
- Led outreach efforts to enhance community and company relations, resulting in an increase of over 68% in our unique Twitch viewer count, over \$400 in company sponsorships, and over 50% of total proceeds raised.

Circle K International, UC Irvine

PEER MENTOR, MEMBER

Irvine, CA

October 2018 - Present

- Contributed over 750 hours of community service, committee work, training, and tabling efforts.
- Mentored 31 club members throughout a year-long program; provided guidance and created a friendly and inclusive environment.
- Coordinated and managed large-scale social events with 50+ attendees to bolster member engagement and develop a sense of community.

SKILLS

Technologies Figma, Adobe XD, Git, Unity, Google Suite

Languages Python, C++, C#, Java

ADDITIONAL INFORMATION

Awards Best Game Hack at Rose Hack (Jan 2022), Returning Member of the Year at UC Irvine Circle K (May 2021)

Interests User Experience, Accessibility, Game Development, Machine Learning, Philanthropy