

Kristal Hong

Los Angeles, CA | [LinkedIn](#) | (626) 672-9020 | hong.kristal@gmail.com | [GitHub](#)

EDUCATION

Pasadena City College

Associate of Arts in Engineering and Technology
Expected Transfer Year: 2024
GPA: 3.89/4.00

August 2022 - Present

RELATED COURSEWORK

Fundamentals of Computer Science I & II, Data Structures, Single Variable Calculus I & II, Multivariable Calculus, Linear Algebra and Applications, Physics for Scientists and Engineers I: Mechanics, Statistics for Behavioral and Social Sciences

SKILLS

Programming Language(s): C++, Python, Java

Web Development: Basic understanding of HTML, CSS, and JavaScript

Application(s): Microsoft Suite (Word, PowerPoint), Google Workspace (Docs, Sheets, Slides), IBM SPSS Statistics

Software(s): CLion, PyCharm, IntelliJ IDEA, VisualStudioCode (VSCode), Canva

EXPERIENCE

University of Irvine

Student Researcher

October 2023 - Present

- Acquiring hands-on experience in cleanroom environments, specializing in the creation and fabrication processes of computer chips, developing an understanding of the semiconductor manufacturing workflow
- Exploring the intersection between AI, AR, and VR technologies, contributing insights to the integration of these technologies into a VR device for simulation purposes

Nuggetverse Inc.

Inventory Associate, Customer Support Advisor (10+ hours/week)

April 2021 - Present

- Communicate with customers and mediate conflicts with appropriate responses such as guiding them through ordering procedures and verifying the accuracy of their information through Shopify and ShipStation
- Perform data analytics by utilizing Shopify tools to evaluate customer traffic and sale levels to ensure target goals are met
- Collaborate with a team of 8 to plan the logistics and operations necessary for LA Comic Con with attendees ranging from 100,000 to 150,000
- Attend weekly meetings with team to discuss sale improvement goals and present possible website/policy enhancements

Waymo Career Readiness Institute

Academy Intern (13+ hours/week)

December 2023

- Gained an understanding of the logistics, operations, business, and marketing aspects of the autonomous vehicle (AV) industry
- Presented research evidence to 5 Waymo business analysts and engineers, summarizing implementation plans for potential concerns and stigma surrounding autonomous vehicles

LA Tech IT Career Academy Powered by Microsoft

IT & Cybersecurity Academy Intern (14+ hours/week)

August 2023 - November 2023

- Actively participated in networking events and seminars, seizing opportunities to exchange ideas, gain insights, and establish valuable contacts within the tech community
- Acquired hands-on experience in creating and managing virtual machines (VMs) on leading cloud platforms, including Microsoft Azure
- Collaborated with a team of 7 alongside mentors, cultivating a dynamic learning environment and promoting innovative problem-solving in the field of technology by offering ideas and engaging in open communication

PROJECTS

Poker Game Analysis

- Developed a Poker Game Analysis tool to visually represent various poker hands using *SFML*, analyzing player hands to determine scores and odds using *C++*
- Conducted in-depth probability analysis, offering insights into the likelihood of different poker scores

PDF Annotator

- Developed interface components such as text input boxes, dropdown menus, and dynamic file displays based on user input in *C++* with *SFML* for graphical representation
- Implemented a drawing feature allowing users to annotate PDFs on-screen, with color-changing capabilities for highlighting