

Kavan Dharja

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SUMMARY

Self-motivated Computer Science student interested in the field of software and systems. Eager to learn new technologies and techniques to drive process improvements. Looking to excel in an Entry-Level Software Development role combining strong object-oriented design skills with excellent critical thinking and technical proficiency.

EDUCATION

University of California, Irvine (GPA: 3.4) – Irvine, CA

Expected Graduation June 2022

B.S. Computer Science

Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Discrete Math, Digital Systems, Human-Computer Interaction, Principles in Systems Design, Principles of Operating Systems

Awards: Dean's Honor List: Spring 2020-Present | Nordson's BUILDS Scholar: June 2019-Present

SKILLS

Languages: Python, C, C++, HTML, CSS, JavaScript

Frameworks/Tools/OS: Microsoft Office, React, Git/GitHub/Gitlab, Figma, Linux, GTK2.0

EXPERIENCE

TRU Simulation + Training, Software Engineer Intern, Lutz, FL

June 2021 – August 2021

- Supported the development of level D Full Flight Simulators (FFS) utilizing TRU's Linux-based Software Development and Automated Test System.
- Improved the user interface of TRU's Instructor Operator Station (IOS) product by designing/developing a page-based navigation system, reducing users' navigation time by 30%.
- Performed hardware/software integration and verified the functionality of simulated aircraft systems by executing Acceptance Test Procedures (ATPs) on the M2 Full Flight Simulator.

UCI, INsite Lab Research Assistant, Irvine, CA

November 2020 – June 2021

- Collaborated with a team of accessibility experts, graduate students, and other undergraduate students to provide assistance and training for blind community members with their new smartphones during the COVID-19 pandemic.

UCI, Parking Assistant, Irvine, CA

August 2020 – Present

- Work with the department of Guest and Event Services to provide a smooth COVID-19 testing process for all UCI students.
- Manage parking permits and assisted campus visitors with directions and general campus information.

AT&T, Summer Learning Academy Extern, Remote

June 2020 – July 2020

- Acquired business and technical acumen along with personal growth and professional development across 80 hours of self-paced online learning lessons and activities over 4 weeks.
- Gained insights and advice on business, leadership, and career from business executives and recognized experts.
- Networked with students and AT&T employees and participated in Q&As with nationally renowned speakers.

PROJECTS

Kavan Dharja's Online Portfolio (www.kavandharja.com)

August 2020 – Present

- Created a website using HTML and CSS to establish my brand and display myself through my skills, passions, and projects. (*Skills Used: HTML, CSS, JavaScript, Git/Github*)

NBA Scoring Linear Regression Model

August 2020

- Utilized Python 3 and NBA API to visualize the correlation between Field Goal Attempts (FGA) per game and points per game (PPG) of all the players in the current NBA season. (*Skills Used: Python, API, Git/Github*)

Connect 3-on-3

August 2020

- Utilized Python 3 and PyGame to create a game alteration of Connect 4 using three players with three different colors to connect a row of three with the same color. (*Skills Used: Python, PyGame, Git/Github*)

ACTIVITIES

- UCI Men's Rowing, UCI Surf Club, UCI Ski and Snowboard Club