

Ameer Khan

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OBJECTIVE

Passionate and detail-oriented recent computer engineering graduate with experience as a developer intern developing, testing, debugging and optimizing code. Seeking employment as an entry level software engineer in order to contribute my skills and experiences in software development.

EDUCATION

University of California, Santa Cruz

Bachelor of Science in Computer Engineering with Honors

GPA: 3.1/4.0

Relevant Coursework:

- Algorithms and Abstract Data Types
- Operating Systems
- Computer Networks
- Technical Writing for Computer Engineers
- Data Structures
- Computer Architecture
- Network Programming
- Microprocessor System Design

Santa Cruz, CA

September 2015 - June 2019

EXPERIENCE

Games for Love

Developer Intern

Fremont, CA

May 2020 - Present

- Developing a virtual reality experimental party game for the Oculus Quest in C# using Unity and Visual Studio
- Implementing, testing, debugging and optimizing gameplay features from initial design to final integration
- Collaborating remotely with game designers, 2D/3D artists, audio engineers and other programmers to ensure all required implementations are scheduled and delivered

University of California, Santa Cruz - Jack Baskin School of Engineering

Senior Design Capstone

Santa Cruz, CA

January 2019 - June 2019

- Researched, designed, documented and built a prototype smart toy as part of a team of student engineers in order to monitor developmental delays of young children
- Developed a python script using python libraries Pandas, Matplotlib, NumPy, SciPy to analyze, interpret and visually represent the test data from a csv file in a diagnostic report
- Displayed strong communication skills when presenting the process and results to the professor in weekly meetings

PROJECTS

Facial Recognition System | Python

March 2020 - April 2020

Personal Project

- Developed a program that can locate, detect and classify each face in real-time from a video frame using the python libraries NumPy, Face Recognition, Dlib and OpenCV

TCP Chat Network | C

February 2019 - March 2019

Network Programming Project

- Built a TCP-based chat program in C that is composed of multiple clients and a server program which is used to connect clients so that they can exchange messages

SKILLS

Programming Languages: C, Python, Java, HTML, CSS, JavaScript, C#, SQL

Frameworks/Tools: Git, Unix, Pandas, Matplotlib, NumPy, SciPy, Unity, Visual Studio, Microcontrollers

LEADERSHIP EXPERIENCE & ACTIVITIES

Society of Asian Scientists and Engineers

Member

Santa Cruz, CA

September 2015 - June 2019

- Networked with other student engineers in order to help each other with professional development and mentored new club members
- Participated in fundraisers in order to help raise money for networking trips to Google and Intel