Mehul Joshi

Currently Looking for Software Engineering Internships

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EDUCATION —

University of Washington, Seattle, WA
GPA: 3.7/4.0
Relevant Courses: CSE 143, MATH 126, PHYS 121, CSE 351, EE 491, PHYS 122, MATH 308, CSE 331, Math 307

North Creek High School, Bothell, WA
GPA: 3.7/4.0
Accolades:
- AP Scholar with Distinction
- Outstanding Science Student

Technical Skills: Flask, Django, C++, Python, Java, JS, Git, Linux and Unix, React, Machine Learning, Data Structures and Algorithms, Computer Vision, Full-Stack Development

KEY SKILLS —

Application Design
Creative Self-Starter
Originality
Fast learner
Sales Expertise
Drive for the product

EXPERIENCE

Feb 2020– June 2020
Research Assistant • Seattle Cancer Care Alliance
- Developed a real time web application that analyzes the proton lab's data. I was responsible for the front-end and server-side development of this full-stack web app.
- Tools Used: Django, React, mpdl3, Heroku, Python.

Sept 2016 - Jan 2020
Freelance AP CS Tutor • Self-Employed
- Explained the basics of java to my fellow peers. Taught content from loops, methods with parameters, classes, object-oriented programming, and much more.

June 2019- Jan 2020
Lead Programming and Math Instructor • Interactive Math Academy
- Explained basic and advanced python and math concepts to a wide array of students. In terms of programming, I taught an advanced data structures course and a web development course in python. In terms of math, I taught an Algebra I course and a simple math class for students under the age of 10.

Jun 2016– July 2018
Carpenter • Self-Employed
- Utilized my knowledge of mechanical engineering and design to build, carve, and cut many different products using wood.

Projects

- **Water Bender (https://github.com/csmjoshi/WaterBender)**: Water plants from the comforts of your own home. Water Bender implements plant recognition, predicts when to water the plants, and displays the weather stats of the plant's location.
- **Dolfleini Chess (https://github.com/csmjoshi/Chess)**: An intuitive way to play chess against a friend, foe, or computer for fun.
- **BiblioSearch (https://github.com/csmjoshi/BioblioSearch)**: A flask app that that allows library enthusiasts to find their books. This project uses openCV, pytesseract, and photoOCR.

Extra Curriculars

UW Intramural Basketball, Paver Designer, MLH hackathon Participant, Basketball Coach, Food Bank Volunteer