Sumedh Bhattacharya

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Profile

I am a junior at The Ohio State University, with a passion for Computer Science, Neuroscience, and STEM in general. I am seeking internship and Co/Op opportunities for the Spring and Summer of 2022 in Computer Science fields where I can make impactful contributions to projects while gaining exposure to real world situations and learning from experienced professionals. I am specifically passionate about problem solving, and Machine Learning, and have experience with semiconductors, operating systems, and low level programming. I grew up in cosmopolitan communities in the US and Singapore and have a unique ability to collaborate effectively with people from diverse cultural backgrounds.

Education

The Ohio State University   Columbus, Ohio
BS Computer Science Engineering   August 2019 - Present

Relative Coursework

Computer Science: Software Components 1 & 2, Discrete Structures, Data Science Science and Algorithms, Intro to Low level Programming, Intro to Operating Systems, Developing Web Applications

Mathematics: Calculus III, Intro to Probability and Statistics, Linear Algebra

Neuroscience: Intro to Behavioral Neuroscience, Intro to Cognitive Neuroscience, Intro to Mollecular Neuroscience

Work Experience

Tessolve   Bangalore, India
ATE Test Engineer Intern   September 2021 - Present

- Trained to use Teradyne's ets-364 ATE (ets-364)

- Developed Test Applications Specific to Devices that tested for errors and chip quality (C++)

- Developing A System to Automatically Generate Test Cases Based off of Engineers' Specifications. Allows for time spent on writing code to be cut down by hours. (C++, Python)

Projects

Introductory Computer Science Course for Kids *Scratch, Java*
Created an introductory course for Computer Science for kids under 13 using object oriented languages and simple ones like Scratch and Java.

Skills

Programming and Data Analysis: Java, C++, C, Python, Assembly, Node JS

Web Development: Javascript, HTML, CSS, Ruby

Machine Learning: TensorFlow, Scikit-learn, PyTorch

Others: Linux, Bash, Git

Certifications

Google Data Analytics Professional Certificate   Coursera Google Certificates
Certificate for completing Google's Data Analytics course which goes over Excel, SQL, R, and Tableau
October 2021

Additional Information

Languages: English, Kannada, Spanish

International Experience: Lived, studied, or worked in India, Singapore, and United States of America

Interests: Camping, Snow sports, Video Games, Fantasy, and Debate