Sumeet Singh

Driven 3rd Year student leveraging studies in Mathematics and extremely passionate about new technologies, Data Science, and Artificial Intelligence! Aspiring Data Scientist that offers strong interpersonal, task prioritization, and problem-solving skills!

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Portfolio Website

Linkedin Profile

EXPERIENCE

theCoderSchool, Cerritos, CA — *Code Coach/Instructor*

MARCH 2022 - July 2022 (5 Months)

- Developed and led engaging curriculums to teach several computer programming languages, such as Python and C++ for 100+ students ages 7-18.
- Planned and individually led programming workshops for nearby schools, with more than 50+ students per week, resulting in 20+ new students at our center.
- Lead coach for multiple summer camps teaching 25+ students how to create their own Roblox games in Roblox Studio using the scripting language, Lua.
- Help students gain soft skills such as problem-solving, communication, teamwork, and leadership skills.

EDUCATION

California State University, Fullerton— B.A., *Mathematics (Probability and Statistics Concentration)* — Comp. Sci. Minor

AUGUST 2019 - MAY 2024 **GPA: 3.44**

Completing upper-division coursework to obtain an undergraduate degree in Mathematics and a minor in Computer Science

- Courses centered on exciting areas such as Calculus I-III, Linear Algebra, Mathematical Probability, Mathematical Statistics, Stochastic Processes, Data Analysis, Data Structures and Algorithms, Java Programming, C# Programming, Linux Operating System, Software Engineering, and Operating Systems.

PROJECTS

Data Analysis on Product Sales

This project provides meaningful insights from 100,000+ electronic product sales using data with tools such as Python Pandas and Matplotlib within Jupyter Notebook. The data required obtaining, extracting, and cleaning before using it to solve real business problems.

Zombie Runner

Zombie Runner is an endless runner genre browser game that was created with the Unity Game Engine using C#. This game was created for a Software Engineering course by a group of 4 including myself and we used Git/GitHub to collaborate and merge our branches together throughout the entire development process.

Markov Chain Prediction Models

Used Markov Chain for producing stochastic models that use mathematics to predict the probability of a sequence of events occurring based on the most recent event. These three models include the prediction of weather conditions, freeway routes, and customer loyalty for businesses.

SKILLS

Proficiency in programming languages such as C++, C#, Python, and Java.

Experience in working with databases using MySQL/PopSQL.

Experience with collaboration in Git/GitHub.

Experience in working with applications such as Eclipse, PyCharm, Xcode, Word, and Excel.

Working knowledge of macOS, Windows, and Linux.

Experience in creating graphical user interface applications using Windows Forms App with C#'s .NET Framework in Visual Studio.

TOOLS

SQL

NumPy

Pandas

Matplotlib

Jupyter

STRENGTHS

Effective Oral and Written Communicator

Can Engage with Audiences of Varying Technical Aptitude

Can Work with Partners in a Constructive Manner