

Sumeet Singh

Application Security Enthusiast studying Computer Science. In my day to day, I would love to ensure every step of the SDLC follows security's best practices. Also to be responsible for adhering to secure coding principles and aid in testing applications against security risks before release.

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.
- Helped students gain soft skills such as problem-solving, communication, teamwork, and leadership techniques.

EDUCATION

California State University, Fullerton — B.S. Computer Science — Cybersecurity Concentration

AUGUST 2019 - MAY 2024 GPA: 3.44

- Courses centered on exciting areas such as Data Structures & Algorithms, Architecture & Embedded Systems, Database Systems, Operating Systems, Network Security, Cryptography, Cloud Computing & Security, Web Security, Artificial Intelligence, C++/C#/Java/Python Programming, Linux Operating System, and Software Engineering.

PROJECTS

Zombie Runner

Zombie Runner is an endless runner genre browser game 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 GitHub to collaborate and merge our branches together throughout the entire development process.

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.

Markov Chain Prediction Models

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

La Palma, CA 90623

(657) 239-7804

singhsumeet6129@gmail.com

[LinkedIn Profile](#)

[Portfolio Website](#)

SKILLS

Languages: Python, Java, C++, C#

IDEs: Eclipse, Visual Studio, PyCharm

CI/CD: Git/GitHub

Operating Systems: Linux, Windows, macOS

Databases: MySQL/PopSQL

Libraries: Pandas, NumPy, Matplotlib

Web App Security: Burp Suite

Capture the Flag: picoCTF, TryHackMe

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

STRENGTHS

Effective Oral and Written Communicator

Can Engage with Audiences of Varying Technical Aptitude

Can Work with Partners in a Constructive Manner

CERTIFICATES

- We Hack Purple – [Application Security Foundations Level 1](#)

- We Hack Purple – [Application Security Foundations Level 2](#)

- We Hack Purple – [Application Security Foundations Level 3](#)