Sumeet Singh

Highly motivated computer science student seeking a software engineering internship where I can apply my knowledge and gain practical experience. My ultimate goal is to contribute to maturing a program by integrating security best practices in the SDLC and enabling engineers to take ownership of their applications' security posture, all while enabling businesses to shift left security.

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Portfolio Website

LinkedIn

YouTube

GitHub

EXPERIENCE

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

MARCH 2022 - AUGUST 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 Lua.
- Mentored students to develop problem-solving, communication, teamwork, and leadership skills.

EDUCATION

California State University, Fullerton — *B.S. Computer Science*

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

Coursework:

- Web Application Security: Covering topics such as secure coding practices, threat modeling, vulnerability management, and risk assessment, to develop a strong understanding of the practices necessary for securing web applications.
- Cloud Computing & Security: Practicing technologies designed to protect cloud-based systems, data, and infrastructure from unauthorized access, theft, or damage.
- Data Structures & Algorithms, Computer Architecture & Assembly Language, Database Systems, Operating Systems, Cryptography, Artificial Intelligence, C++ | C# | Java | Python Programming, Linux Operating System, Software Process, and Software Engineering.

PROJECTS

Netflix Clone

Full-stack Netflix clone created with Next.js, which was used for the front-end framework, proving server-side rendering, routing, and more. TypeScript was used to write type-safe code, improving maintainability and reducing errors. React was used to create the UI components for the application. MongoDB was used as the database to store information about movies and login users.

Zombie Runner

An endless runner genre web browser game created with the Unity game engine using C#, created for a software engineering course. Our group implemented GitHub to store and manage our project's source code, version control, and collaboration by utilizing features such as pull requests and branching to streamline the development process to ensure the project's success.

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.

SKILLS

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

IDEs: Eclipse, Visual Studio, PyCharm

Frameworks: Next.js, Unity, Windows Forms App .NET

Libraries: React, Prisma, Pandas, NumPy, Matplotlib

Databases: MongoDB, MySQL

CI/CD: Git/GitHub

Operating Systems: Linux, Windows, macOS

Web App Security: Burp Suite, OWASP ZAP, Snyk, AWS WAF

Capture the Flag: picoCTF, TryHackMe

Able to explain OWASP Top 10 in detail

STRENGTHS

Effective Oral and Written Communicator

Can Engage with Audiences of Varying Technical Aptitude

Can Work with Partners in a Constructive Manner

CERTIFICATES

- AWS – **Certified Cloud Practitioner**
- We Hack Purple – **Application Security Foundations Level 1**
- We Hack Purple – **Application Security Foundations Level 2**
- We Hack Purple – **Application Security Foundations Level 3**
- We Hack Purple – **Secure Coding Course**