Sumeet Singh

Seeking Software Engineering Position

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OBJECTIVE

I would ideally 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.

PROFESSIONAL EXPERIENCE

Code Coach/Instructor   **theCoderSchool** | Cerritos, CA | March 2022 – August 2022
- Developed and led engaging curriculums to teach several computer programming languages, such as Python and C++ for 100+ students.
- Planned and individually led programming workshops for multiple schools, with more than 50+ students per week, resulting in a greater enrollment 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, & leadership skills.

EDUCATION

B.S. Computer Science | GPA: 3.44   **California State University, Fullerton** | August 2019 – May 2024
Relevant Coursework:
- **Web Application Security:** Secure coding practices | Threat modeling | Vulnerability management Risk assessment
- **Cloud Computing & Security:** Protect cloud-based systems | Prevent unauthorized access theft or damage
- Data Structures & Algorithms | Computer Architecture & Assembly Language | Database Systems Operating Systems | Artificial Intelligence | C++ | Java | Software Process | Software Engineering

PROJECTS

Full-Stack Netflix Clone
Next.js – Provides server-side rendering, and routing | **TypeScript** – Wrote type-safe code, improving maintainability & reducing errors | **React** – Created the UI components for the application | **Prisma** – Generated efficient database client code based on a schema definition | **MongoDB** – Stores information about movies and users' accounts

Zombie Runner
Web browser game | Created with Unity Game Engine | Scripted with C# | Agile (Scrum) Methodology
Our team implemented GitHub for storing & managing the 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
Provides meaningful insights from 100,000+ data points on electronic product sales.
Used Python Pandas & Matplotlib within Jupyter Notebook for data mining & cleansing 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   **Operating Systems:** Linux | Windows | macOS
Web Security: Burp Suite | OWASP ZAP | Snyk | AWS WAF   **Capture the Flag:** picoCTF | TryHackMe
Knowledge of OWASP Top 10 | Effective communicator | Articulate | Results oriented | Proactive
People, Process, Technology | Pragmatic | Adaptable

CERTIFICATIONS

AWS – Certified Cloud Practitioner   **WeHackPurple** – Application Security Foundations Level 2
WeHackPurple – Application Security Foundations Level 1   **WeHackPurple** – Application Security Foundations Level 3
WeHackPurple – Secure Coding Course