Shubh P. Patel

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EDUCATION

West Virginia University, Morgantown, WV   Anticipated Graduation: May 2023
Bachelor of Science in Computer Science   Cumulative GPA: 4.00
Bachelor of Science in Computer Engineering
Area of Emphasis in Cybersecurity

WVU Honors Foundation

TECHNICAL SKILLS

Languages/Formats: Python, Java, C/C++, HTML, CSS, JavaScript
Experienced With: Linux, Microcontrollers, AWS, Bootstrap, JavaFX, Electron, Maven, Gradle
Programs: Microsoft Excel, Photoshop, MATLAB

RELEVANT COURSEWORK

Data and Computer Communications	Computer System Concepts	Analysis of Algorithms
Secure Software Development	File and Data Structures	Technical Writing
Microprocessor Structures & Interfacing	Applied Modern Algebra	Discrete Mathematics

PROFESSIONAL EXPERIENCE

Federal Bureau of Investigation, Clarksburg, WV   June 2021 – Present
Honors Intern
- Integrated an existing service into a larger software system using Java.
- Developed new proof-of-concept features for software used by government customer entities.
- Transmitted data between a client and server using an API.

NextGen Federal Systems, Morgantown, WV   May 2020 – August 2020
Software Development Intern
- Improved code quality using source code analysis, dependency-checking, and writing unit tests.
- Reorganized back-end Java code for a web application.
- Developed user interface of a web application using JavaScript, HTML, and CSS.

ACTIVITIES

Institute of Electrical and Electronics Engineers (IEEE), WVU Chapter   August 2020 – Present
Vice President
- Organized DIY Macro Pad workshop and taught 20 fellow students how to solder.
- Design hardware projects using microcontrollers and peripheral components.

Artificial Intelligence Club, WVU Chapter   January 2022 – Present
Member
- Learn about machine learning and artificial intelligence from Python workshops.

CyberWVU, WVU Chapter   January 2020 – Present
Member