

Shubh P. Patel

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EDUCATION

West Virginia University, Morgantown, WV
Bachelor of Science in Computer Science
Bachelor of Science in Computer Engineering
Area of Emphasis in Cybersecurity
WVU Honors Foundation

Anticipated Graduation: May 2023
Cumulative GPA: 4.00

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	Introduction to Software Engineering
File and Data Structures	Secure Software Development
Microprocessor Structures & Interfacing	Technical Writing

PROFESSIONAL EXPERIENCE

Federal Bureau of Investigation, Clarksburg, WV
Honors Intern June 2021 – Present

- 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
Software Development Intern May 2020 – August 2020

- Improved code quality using source code analysis, dependency-checking, and by 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
Vice President August 2020 – Present

- 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

CyberWVU, WVU Chapter January 2020 – Present