

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
Cumulative GPA: 4.00
Honors Student

Anticipated Graduation: May 2023

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

CS 453 – Data and Computer Communications
CS 320 – Analysis of Algorithms
CS 210 – File and Data Structures
CPE 312 – Microprocessor Structures/Interfacing

CS 350 – Computer System Concepts
CS 230 – Introduction to Software Engineering
CYBE 366 – Secure Software Development
ENGL 305 – 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.
- Learned to transmit 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

- Organize hands-on workshops to apply/develop skills and collaborate outside of classes.
- Design hardware projects using microcontrollers and peripheral components.

WVU Artificial Intelligence Club, WVU Chapter
Member

January 2022 – Present

CyberWVU, WVU Chapter
Member

January 2020 – Present