

IRFAN KHAN

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Summary

I am seeking an entry-level job for Summer 2024 in Software Engineering and/or WEB development. I have experience with Python, Java, C, and Full Stack Web development.

Education

The Pennsylvania State University, University Park, PA

Bachelor of Science in Computer Science

Expected Graduation: May 2024

Cumulative GPA: 3.61/4.00

Skills

Languages: Python, Java, C, JavaScript, HTML, CSS, Verilog

Frameworks: Node.js, Express.js, Django, Bootstrap, EJS

Database: MongoDB, MySQL

Developer tools: Linux, Git, Heroku, VS Code, Atom, Eclipse, Apache NetBeans, SAP, TIBCO

Experience

Lockheed Martin (Enterprise Operations Unit)

[June 2023 - August 2023]

Full-Stack Software Engineering Internship

- Helped my team develop a middleware solution to streamline dataflow from SAP to Kinaxis Rapid Response for Supply Chain Data Visualization.
- Wrote some Python scripts to handle any exceptions from TIBCO and different ways of running the program for different departments.

Penn State college of Engineering

[January 2022 - May 2023]

Learning Assistant of Object-Oriented Programming

- Teach basic concepts of object-oriented programming during recitation.

Projects

1. Weather Application

[July 2022]

Implemented a weather application using HTML, CSS, and JavaScript to build the user interface (front end). Used an external API to get the current weather data for the country selected from the user interface and used EJS to pass the data to the HTML template. The back end is established using node.js and express.js.

2. Memory Management System

[April 2022]

Implemented a memory management system using C programming language. This project uses cache to store recently accessed data to quickly access them, making it more efficient. I have also implemented the client side of a network to enable accessing the memory data over any network.