

Wedinson Jimenez

Computer Science Student | Software Developer | Technology Enthusiast

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Professional Summary

I am a passionate and detail-oriented **Computer Science student** with strong problem-solving skills and expertise in **web development, networking, and system administration**. Adept at building **scalable, efficient, and user-friendly** applications using **Python, JavaScript, SQL, Docker, and cloud technologies**. Quick learner with a keen eye for innovation and emerging technologies. Excels in **team collaborations, problem-solving, and optimizing system performance**. Seeking opportunities to contribute technical expertise and creativity to impactful projects.

Technical Skills

Programming & Development:

- ✓ Python, JavaScript, HTML, CSS, SQL
- ✓ Node.js (without Express), WebSocket's
- ✓ Backend & API Development

DevOps & System Administration:

- ✓ Docker, Virtual Machines (VMs)
- ✓ Networking & Server Management
- ✓ SQL Database Administration

Web & Software Technologies:

- ✓ Frontend: HTML, CSS, JavaScript (Vanilla & DOM Manipulation)
- ✓ Backend: Node.js, SQL Server, File Management
- ✓ Deployment: Server Hosting, Cloud Integration

Other Skills:

- ✓ Debugging & Code Optimization
- ✓ Technical Documentation
- ✓ Agile & Team Collaboration
- ✓ Cybersecurity Awareness

Projects

PrintShare – 3D Printing Community Platform

- ◆ Developed a **real-time chat and discussion board** for 3D printing enthusiasts.
- ◆ Implemented **image uploads, user posts, and database record updates**.
- ◆ Designed the backend in **Node.js with SQL database integration**.
- ◆ Built a **responsive frontend using HTML, CSS, and JavaScript**.

Appointment Scheduling System

- ◆ Designed a **Node.js-based appointment booking system**.
- ◆ Developed a **custom HTTP server** to manage user requests efficiently.
- ◆ Ensured **database-driven scheduling and data persistence**.

Networking & Cybersecurity Tools (*Personal Projects*)

- ◆ Created a **port scanner in Python** to detect open network ports.
- ◆ Implemented **basic network monitoring scripts** for security analysis.

Education

Bachelor of Science in Computer Science

Southern Connecticut State University, Expected Graduation Year 2025

Relevant Coursework: Data Structures & Algorithms, Networking, Operating Systems, Cybersecurity, Database Management

Certifications & Achievements

- ✓ Play It Safe: Manage Security Risks from Google!
- ✓ Foundations of Cybersecurity from Google!

 **Work Experience****Database Administrator– Letter Concepts · Internship**

Develop procedures for loading and transferring data from internal and external sources into Microsoft Access databases.

Create and optimize Access queries to identify, validate, and correct data errors, ensuring accuracy across database records.

Independently handle projects and demonstrate strong attention to detail.

 **Contact & Availability**

Open to internship, freelance, and full-time opportunities. Let's connect and build something amazing together! 