

Thomas Cuba

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Computer Science graduate with a specialization and interest in web development, systems, cyber security, and cryptanalysis.



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TECHNOLOGIES

C

Java

Haskell

MySQL Workbench

AWS

Linux

Microsoft Windows

SPOKEN LANGUAGES

Slovak

Professional Spoken, Basic Reading/Writing

Spanish

Basic (Non-Conversational)

INTERESTS

VR Development

PC Building/Hardware

Instrumental Music

EDUCATION

Bachelor's of Science in Computer Science // Mathematics Minor

Rutgers University - New Brunswick, NJ

09/2016 - 01/2020

GPA - 3.61

Notable Courses

- Operating Systems
- Database Principles

- Cryptography
- Internet Technology

WORK EXPERIENCE

IT Support Specialist Miles Technologies

05/2021 - Present

IT & Software Solutions Firm

Achievements/Tasks

- Complete all tasks delegated to IT Support Consultants quickly and efficiently
- Serve as a point of escalation for IT Support Consultants for more time intensive, complex, and sensitive tasks
- Troubleshoot more complex networking configurations and issues with various types of equipment including SonicWall, FortiGate, Cisco ASA, as well as issues with AWS and Azure servers
- Oversee onsite technicians remotely and guide them in technical work and decision making
- Train and assist IT Support Interns and Consultants in troubleshooting techniques, both technical and procedural, via shadowing

IT Support Consultant Miles Technologies

09/2020 - 05/2021

IT & Software Solutions Firm

Lumberton, NJ

Achievements/Tasks

- Fix issues in a variety of technologies such as Microsoft Windows, Active Directory, Office 365, SQL Server, and other industry standard software
- Communicate clearly, effectively, and frequently with users through email and phone
- Monitor for, quarantine, and proactively guard against threats to user security such as malware, phishing, and spam

PROJECTS

Airline Booking Simulator (11/2019 - 12/2019)

- Implemented a mock website to track user flights, tickets, and bookings
- Learned the full stack of web development hands-on using HTML, JSP scriptlets with Java, Tomcat, and MySQL
- Utilized and understood AWS tools such as EC2 and RDS

Chess50 (10/2019 - 12/2019)

- Two-player Android chess application with local game replay support
- Gained experience with Android Studio and Java FX library for graphics and user interface design
- Involved porting existing logic using ASCII graphics to a 2D graphics UI, requiring scalability and good use of software design methodology and design patterns

Tiny File System (04/2019 - 05/2019)

- A file system built in C using the FUSE library which uses a formatted flat file to simulate a disk
- Accurate representation of real-world file system infrastructure, including inodes with direct and singly-indirect blocks, manual memory management via a bitmap, and immutable disk metadata

Java Hexagon (01/2015 - 06/2015)

- Recreation of Super Hexagon, a "dodge-the-shapes" video game done with a group as an AP Computer Science A final project
- Worked in a team as the head of game design, visual design, and asset collection