Allwyn Thomas

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EDUCATION

Bachelor of Science – In Progress
Major in Computer Science, Minor in Information Technology
Albert Dorman Honors College and New Jersey Institute of Technology   *Newark, NJ*
- Cumulative GPA: 3.95/4.00
- Dorman Honors Scholar
- Anticipated Graduation Date: 2026
- Relevant coursework: Data Structures and Algorithms, Web Apps, Databases, ML, and AI

PROFESSIONAL EXPERIENCE

Software Support Intern   *June 2024 – August 2024*
Topcon Healthcare, Inc.   *Oakland, NJ*
- Diagnosed technical issues for over 100 clients by accessing servers and devices to troubleshoot firewall/software configurations, IP/port conflicts, full disk space, and services
- Utilized Salesforce CRM to create and manage technical support tickets that documented software-related issues and their resolutions for future troubleshooting
- Monitored and documented server logs, disk usage, task automation with Task Scheduler, and registering new device connections in backend software for various clients

Summer Temp - Fiscal Services   *June 2023 – August 2023*
Atlantic Health System (AHS)   *Morristown, NJ*
- Analyzed market research mainly in software-based healthcare technologies using CB Insights and scholarly articles with findings reported to the Atlantic Venture Studio team
- Managed and evaluated different portfolios of startup companies on CB Insights with one portfolio focused on generative AI in healthcare
- Assisted in creating investment memos that detail investment opportunities for AHS and executive summaries that succinctly clarify unfamiliar topics for future reference

PROJECTS

Covey.Town's Interactive Whiteboard (TypeScript, Node.js, React, SQLite, WebSockets, Tldraw)
- Implemented a real-time collaborative whiteboard feature with persistence for Covey.Town
Generative AI Pictionary (Python: Pygame, Tensorflow, Keras)
- Created a Pictionary-like drawing/guessing game where the player competes against an AI
- Trained CNN and GAN models on Quick Draw dataset for guessing and generating drawings
Jewelry Store Website (HTML, CSS, PHP, JavaScript, MariaDB)
- Designed a website for a fake jewelry store that is linked to a database of jewelry items
- Integrated JWT authentication with credentials for placing orders or altering the database

SKILLS

- Proficient in Python and Java
- Familiar with Oracle SQL, MongoDB, JavaScript, TypeScript, PHP, HTML, CSS, C, C++, PyTorch
- Adept in Microsoft Office: Word, Excel, Powerpoint
- Accuracy and attention to detail