

HAMED DIAKITE

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EDUCATION

Harrisburg University of Science and Technology
Bachelor of Science in Computer and Information Science

Harrisburg, PA
Graduated: December 2024

West Chester University of Pennsylvania
Master's in Computer Science

West Chester, PA
Anticipated Graduation: December 2028

PROJECT

Harrisburg University of Science and Technology

Harrisburg, PA | *January 2024 – April 2024*

Developer

- Spearheaded a groundbreaking project to revolutionize access control through development of cutting-edge NFC door-unlocking application.
- Utilized Swift and C++ programming languages within X-Code virtual environment to create user-friendly mobile application.
- Successfully completed Arduino-based door unlock mechanism, laying foundation for seamless integration with mobile application.
- Showcased technical expertise in addressing evolving landscape of secure access control systems, demonstrating commitment to innovation and excellence.

TECHNOLOGIES USED: XCode(iOS development), Arduino uno, C++, HC-06 (Bluetooth module), and Swift.

WORK EXPERIENCE

GLOITR

Washington D.C | *June 2024 – August 2024*

Internship – Junior Network Engineer

- Assist with setting up Main Distribution Frames (MDF).
- Installing network equipment – Access Points, routers, Switch UPS & PDUs.
- Assist with network patching fiber jumpers/fiber patch cords and minor troubleshooting.
- Basic Network switch configuration (Naming Switches for Installs).

Harrisburg University of Science and Technology

Harrisburg, PA | *August 2023 – April 2024*

Connection Leader

- Orchestrated a series of engaging events, including tournaments, board games, movie nights, and virtual games, aimed at acclimating over 30 new students to the school system each semester.
- Initiated weekly check-ups on at least 30 students, ensuring a smooth transition and addressing individual concerns, resulting in a 25% increase in reported student satisfaction.
- Collaborated with 10+ student leaders across various departments to design and implement welcoming events, contributing to a 15% improvement in new student participation in school activities.

SKILLS

Languages: Python, Java, C, C++, HTML, JavaScript, CSS, Typescript | **Databases:** SQL, MySQL | **Frameworks:** React, React Native, Tailwind, Express, Android SDK, Firebase | **Tools:** Git, Visual Studio, PyCharm, Eclipse, IntelliJ IDEA, Xcode, Expo Orbit | **Operating Systems:** Mac, Window, and Linux | **Interpersonal:** Leadership, Adaptability, Communication, Determined, Sale, Accounting, Multilingual

RELEVANT COURSEWORK

Computer Programming I & II | Algorithms | Data Structure | Linear Algebra | Operating System | Calculus I | Computer Organization and Architecture | Discrete Math I & II | Computer Networks | Computer Graphic | SQL Database | Advance Networking | Principle of Software Engineer & System Analysis