Noah Burnette

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EDUCATION

University of North Carolina at Asheville   **Graduated December 2023**

Bachelor's in Computer Science

GPA: 3.78

CodePath   **Graduated May 2022**

Cybersecurity (Honors)

WORK EXPERIENCE

Sierra Nevada Brewing Company

MES Software Engineer   **December 2023 - Present**

Sierra Nevada Brewing Company

Software Developer Intern   **April 2023 - November 2023**
- Developed modular Ignition SCADA applications.
- Employed **T-SQL** to design stored procedures and views for streamlined database operations.
- Implemented back-end functionality using **Python**, enhancing the performance of server-side calls.
- Led the adoption of Agile practices using **Azure DevOps**.

Microtech Knives

Network Technician   **December 2021 - November 2023**
- Managed and installed Linux infrastructure.
- Created **Docker** images to facilitate seamless deployment of workspaces.
- Conducted network analysis, uncovering potential security threats.
- Installed and configured Meraki hardware, enhancing network robustness.

PROJECTS

TaskWave   **July 2023**
- A Project Management Application built with **React** and **Bootstrap**.
- Implementing a RESTful API using **Node.js** and **Express**, enabling seamless data exchange.
- Utilizing **Redux** for state management and **Firebase** for data synchronization.

Photo-App   **January 2023**
- An alternative photo sharing application built in **React**.
- Built a RESTful API using **Flask** and **Python** with full CRUD capabilities.
- Uses **PostgreSQL** to ensure seamless and efficient data management.

Pyile   **June 2022**
- Modular **Python** application enabling secure and private messaging via P2P.
- Created Pyile protocol supporting authentication and messaging, ensuring data privacy.
- Implemented robust security measures to protect user communications and integrity.

SKILLS
- **Languages**: TypeScript, JavaScript, Python, Java, Shell, SQL, HTML, CSS.
- **Frameworks/Libraries:** React, Node.js, Redux, Express, Spring, Flask, Bootstrap, Material UI.
- **Data/Tools:** Jira, Bitbucket, MongoDB, Firebase, Git, GitHub, Docker, PostgreSQL.