

# Noah Burnette

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## EDUCATION

**University of North Carolina at Asheville**

**Expected December 2023**

*Bachelor's in Computer Science*

**GPA: 3.78**

**CodePath**

**Graduated May 2022**

*Cybersecurity (Honors)*

## WORK EXPERIENCE

**Sierra Nevada Brewing Company**

**April 2023 - Present**

*Software Developer Intern*

- 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.
- Participated in agile development through **Azure DevOps**.

**Microtech Knives**

**December 2021 - Present**

*Network Technician*

- Created dynamic internal websites using **React**, improving user experience and accessibility.
- Developed **Python** and **BASH** automation scripts, optimizing routine tasks.
- Responsible for maintaining **MySQL** databases, ensuring data integrity and availability.
- Installed and configured network and server architecture.

## 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.

**Linear Optimization Application**

**January 2022**

- Led the development of a **Python** monolith for linear optimization, streamlining House of BrandStract sales processes.
- Established a robust DevOps environment, enabling smooth integration and deployment.
- Conducted weekly consultations with stakeholders to identify and meet consumer needs.

## 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.