

# 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 - October 2023

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.