

# 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

### Microtech Knives

IT Developer

November 2023 - Present

- Created web applications using **React**, improving content management and training.
- Developed **Python** and **Bash** automation scripts, optimizing routine tasks.
- Implemented Agile methodologies across the entire IT department using **Taiga**.

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.

### 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**.

## 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.