

# Logan Johnson

[logan.johnson189@gmail.com](mailto:logan.johnson189@gmail.com) | [linkedin.com/in/logan.johnson23](https://www.linkedin.com/in/logan.johnson23) | [github.com/herariom](https://github.com/herariom)

## EDUCATION

### North Carolina State University

Raleigh, NC

*Bachelor of Science in Computer Science (3.86 GPA)*

*Aug. 2019 – Dec. 2023*

**Relevant Coursework:** Software Engineering, Computer Networking, Automated Learning and Data Analysis, Data Structures and Algorithms, IoT Systems, C and Software Tools, Assembly, Discrete Math

## TECHNICAL SKILLS

**Languages:** Python, Java, C, Go, JavaScript, HTML/CSS, SQL

**Frameworks and Libraries:** React, Flask, Spring, Hibernate, Selenium, Numpy

**Technologies:** Linux, Docker, Git, AWS, Azure, Kubernetes, Terraform, Jenkins, Gitlab CI/CD, PostgreSQL, MySQL

## EXPERIENCE

### Fidelity Investments

Jun. 2023 – Aug. 2023

*Software Engineer Intern*

*Durham, NC*

- Updated pension benefit calculation application from Spring MVC to Springboot, reducing technical debt and increasing ease of development setup
- Prototyped chatbot built on Azure OpenAI Service and Cognitive Search to facilitate end-user support for Excel add-in, backed by internal Confluence pages as a real-time dataset

### Fidelity Investments

Jun. 2022 – Aug. 2022

*Software Engineer Intern*

*Durham, NC*

- Developed Java-based tool to migrate retirement plan specifications from outdated software to a new format on Microsoft SharePoint
- Collaborated closely with manager and senior software analyst to align project design with end-user requirements
- Conducted iterative development meetings with appropriate teams and end-users to gather information and incorporate feedback
- Successfully implemented project, contributing to cost-saving efforts of over \$15,000 yearly via reduced licensing and server costs associated with the legacy platform

### Oracle Corporation

Jun. 2021 – Dec. 2021

*Cloud Engineer Co-op*

*Raleigh, NC*

- Contributed to the development of a Kubernetes service monitoring application, utilizing JavaScript for frontend, Python for backend, and Go for Kubernetes communication service
- Implemented security best practices to procure and inject TLS certificates into application Docker containers via CI/CD pipeline, enabling project delivery to beta testing users. Facilitated knowledge transfer by creating thorough documentation for process

### Expense Management Network

Apr. 2016 – Aug. 2019

*Software Intern*

*Kernersville, NC*

- Collaborated closely with business owner to identify problem areas and conduct comprehensive analysis of the company's workflow for automation opportunities
- Conceptualized and implemented Excel Add-in in C# to streamline data gathering from vendor websites, resulting in over 80% reduction of time spent on manual data entry

## PROJECTS

### Ryoko | Javascript, Python, Flask, React, PostgreSQL, Docker, Terraform

- Created a React and Flask-powered website to identify optimal living locations using population, density, and distance from specified coordinates
- Allows users to input distances and transportation modes of expected weekly travel, utilizing Google Maps and WalkScore APIs to generate analytics based on distance traveled, and expected ease of travel along routes

### Nutrition Facts | Python, Flask, Tesseract OCR, MySQL, AWS

- Built website backed by Flask, allowing users to search for and upload nutrition facts of products
- Utilized Tesseract OCR to extract information from user-uploaded images of nutrition fact panels to store in AWS S3 buckets and MySQL databases to index for searching