

# Logan Johnson

<http://herariom.com/>

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Location: Raleigh, NC

## EDUCATION

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- **North Carolina State University** Raleigh, NC  
Pursuing B.S. in Computer Science (3.73 GPA) **(Projected) May 2023**

## EXPERIENCE

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- **Oracle** **Jun. 2021 – Dec. 2021**  
Software Engineer Co-op
  - Worked on resource monitoring application to monitor Kubernetes services within Oracle Cloud Infrastructure environment via Python and Javascript frameworks
  - Improved Kubernetes live data provider for resource monitoring application using Golang by implementing usability bug-fixes and user features, allowing release of tool to additional internal users
  - Implemented best-practice security measures, including properly securing applications with TLS certificates
- **Expense Management Network** **Apr. 2016 – Aug. 2019**  
Software Development Consultant
  - Automated time-intensive business workflows by developing Excel Plug-in with VB.NET and C#
  - Implemented HTTP client in C# to interface with vendor websites, allowing for faster referencing of data without the need for a web browser
  - Created Excel VBA macros to generate client savings reports, reducing human error and lowering time spent creating reports

## CLUBS

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- **Liquid Rocketry Lab** **Sept. 2019 – Mar. 2020**  
Software Developer
  - Worked on software sub-team in an Agile development environment
  - Prototyped solutions for cryptographically signing and hashing rocket engine test files
  - Implemented proof of concepts as both Javascript VS Code extensions and stand-alone Python programs

## PROJECTS

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- **Nutrition Facts:** Built website backed by Flask and Python allowing users to search for and upload nutrition facts of products. Utilizes Tesseract to extract information from user-uploaded images of nutrition fact panels to store in AWS S3 buckets and MySQL databases
- **SpotJournal:** Worked with team to develop a music-based journaling program for HackDuke 2020. Built with Flask and Python, allowed comparing user's emotional state before and after listening to a recently played song from their Spotify account. Utilized Google Cloud for app and database hosting
- **Envis:** Wrote Java app to increase user productivity by allowing users to create application environments and quickly switch between them

## PROGRAMMING SKILLS

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- **Skills:** Java, Python, C#, Go, SQL, Javascript, HTML, CSS
- **Technologies** .NET, Kubernetes, Flask, Git, Linux, Amazon Web Services, Gitlab CI/CD
- **Certifications:** Oracle Certified Java Associate Programmer SE 8