

MICHAEL C. HENRY, JR.

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EDUCATION

University of Rochester, Rochester, NY

May 2019

B.S. in Computer Science, Minor in Math

EXPERIENCE

Capital One - Associate Software Engineer

Fall 2019 - Present

ESM

- Created a pilot Progressive Web App (called OSA) for supplier managers to streamline the current manual process and make it uniform
- Designed the API and Database for OSA with an emphasis on validation and usage of generics since a pilot program requires quick pivots
- Expanded the UI for OSA to improve users interaction with the process versus the existing system of emails and spreadsheets
- Built a system for outputting the results of an OSA in a professional looking PDF in order to incentivize inputting quality data
- Enhanced contract data entry in Coupa by creating a chrome extension to help contract managers by overlaying helpful information, actively QAing metadata fields, and enforcing a naming scheme on uploaded documents
- Created the UI for the Validation Engine, a system which allows contract managers to apply complex rulesets to search documents

TDP Council - Training and Development Lead

- Managed continuing education classes and workshops for the ~200 TDP's in Richmond

College Hackathons - Mentor

- Completed training and selected to represent Capital One at three college hackathons (part career fair, part collaborative problem solving sprint)

University of Rochester - Teaching Assistant

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|---------------------------------------|-------------------------------------|
| • CSC 161: Intro to Programming | Summer 2018, Fall 2018, Spring 2019 |
| • CSC 162: The Art of Data Structures | Summer 2018 |
| • CSC 170: Web Design and Development | Fall 2017 |
| • CSC 171: Intro to Computer Science | Fall 2017 |

OPEN SOURCE

Nessie (Capital One's Hackathon API)

- Manage existing code base and approve new users and PRs
- Rebuilding the system to follow a serverless architecture reliant on Lambda rather than EC2

SKILLS

Programming Languages/Frameworks: Java, Spring, Javascript, Node, React, HTML, CSS, SQL

Certifications:

- CSSE Associate
- AWS Cloud Practitioner
- AWS Solution Architect Associate
- AWS Developer Associate