TYRONE THA

Seeking a software engineer co-op for spring or summer 2023

✉ ttha3334@gmail.com
🐙 github.com/tyronetha
📞 (646) 387-1928
in in/tyrone-tha

EXPERIENCE

CACI International
Software Engineer Intern

📅 May 2022 – August 2022   📍 King George, VA

- Developed and automated bash script to create MySQL DB Backups for Red Hat Linux Servers
- Updated, supported, and enhanced security software for government customers
- Utilized BlackDuck scans to migrate vulnerabilities

Tools: Bash, MySQL, Java, BlackDuck, Linux, Gitlab

Rochester Institute of Technology
Software Engineer Course Assistant

📅 Sept 2020 - Present   📍 Rochester, NY

- Guided students through problem-solving activities using Python and Java
- Hosted after class sessions to assist students
- Managed student GitHub repositories with Python scripts

Tools: Java, Github, Python, Linux

NYC Division of Instructional and Information Technology
Security Incident Response Intern

📅 June 2019 - August 2019   📍 Brooklyn, NY

- Collaborated with different teams in securing risk on the cloud using Microsoft-Azure
- Administered CrowdStrike platform to prevent threats
- Implemented scripts in powershell to remove malware

Tools: CrowdStrike, Microsoft Azure, Powershell, Bash

PROJECTS

Stock Market Bot
🐙 https://github.com/tyronetha/Stock-Market-Data

- Designed predictive analysis program in Python for stock prices
- Used pandas and MATLAB to provide data allowing for supervised learning in sklearn
- Constructed visual output with Plotly

Tools: Python, MATLAB, Pandas, Plotly

Voice Chatbot
🐙 https://github.com/tyronetha/Chatbot

- Implemented a personal chatbot in Python using Witai
- Constructed voice bot using Arduino Mini with a Speech Recognition device

Tools: Python, Arduino, Witai

Note-Taking App
🐙 https://github.com/tyronetha/Note-Taker

- Created a note-taking app using React
- Utilized Google Firebase to host App in the cloud
- Storing data using MongoDB

Tools: React, Google Firebase, MongoDB

EDUCATION

Rochester Institute of Technology
B.S. in Computer Science (GPA 3.82)

📅 Expected Graduation: May 2024

Relevant Courses

Analysis of Algorithm
Intro to CS Theory
Intro to Software Engineering
Mechanics of Programming (C)
Concept of Computer System (Assembly)

SKILLS

Languages

Java Python JavaScript C HTML/CSS MIPS

Tools

Git Linux Slack Trello React Agile Development Mockito Vim Angular Linux MySQL PostgreSQL

ACTIVITIES

Computer Science House
Member

📅 April 2020 - Present

- Living and learning community in an academic and project-based environment
- Host events and hackathons to promote various topics

Society of Software Engineers
Member

📅 August 2021 - Present

- Organization based around mentorship for software development
- Part of a group project on the development of a magic mirror

RIT AI
Member

📅 September 2020-Present

- Organization based on the study and development of A.I.
- Contributed to the development of a face recognition program