

EXPERIENCE

Software Developer Engineer & Creator — SquareResults

AUGUST 2024 – PRESENT

- Developed and maintained client web portfolios using Next.js, ensuring optimal performance and responsiveness across devices.
- Debugged and resolved software issues, improving the functionality and stability of web applications.

Developer Analyst Co-op — Rich Products Corporation

JANUARY 2023 – AUGUST 2023

- Developed interactive dashboards incorporated with SQL databases, resulting in faster insight generation.
- Developed SQL stored procedures to facilitate data extraction and manipulation from applications.

Software Security Intern — Rockstar Games

JUNE 2022 – AUGUST 2022

- Created framework around testing obfuscation techniques.
- Implemented binary auto-analysis tools.
- Authored scripts to circumvent anti-tamper mechanisms on disk and at run-time.
- Applied fundamentals of reverse engineering to attack internal applications.

SKILLS

Python, Java, SQL, MATLAB, IDA Pro, x64dbg, PowerBI, Next.js, Angular, Microsoft Office

EDUCATION/TRAINING

Rochester Institute of Technology — Bachelor of Science, Computer Science

Relevant Courses: Intro to Computer Science I & II, Analysis of Algorithms, Mechanics of Programming, Intro to Artificial Intelligence, Intro to Software Engineering, Intro to Computer Vision, Database System Implementation, Principles of Data Mining

GPA: 3.72

Training: Dale Carnegie Leadership Training

PROJECTS

Gemstone Identification

- Developed a gemstone classification program using Resnet50 neural network architecture in MATLAB.
- Preprocessed images for optimal training and testing using morphology and image manipulations.

Ridesharing in NYC: Data Analysis and Visualization

- Conducted detailed Exploratory Data Analysis (EDA) and data cleaning generating insightful visualizations.
- Implemented multiple mining techniques, such as k-Means clustering and decision trees, to extract meaningful insights from the dataset.

Scuffed Theater E-Store

- Created an e-store website for a mock-up small business using the Scrum/Agile process
- Implemented Java Spring server back-end framework and Angular browser front-end experience

LEADERSHIP/ACTIVITIES

Delta Sigma Theta Sorority, Inc.

- Chapter President (April 2023 – May 2024)

National Society of Black Engineers

- Member (August 2021 – Present)

Unity House

- Vice President (April 2021 – April 2022)
- Student Advisor (April 2022 – May 2024)

RIT Women's Basketball Team

- Player (August 2020 – May 2024)

ALANA Collegiate Association

- Director of Marketing (June 2022 – June 2023)

The Black Thought Collective

- Community Leader (June 2023 – May 2024)