

JOSEPH VITA

Rochester Institute of Technology

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PROJECTS

Python stock data collector and analyzer

- Using Python libraries such as TA-Lib to generate graphs and statistics of real time stock data
- Collaborating with a small group using Git
- Using machine learning frameworks such as Tensorflow to learn trends and predict buy/sell points in the market and add weights and biases based on updated news trends.
- Using Docker to create optimized environments for MongoDB and Flask services

snip2clip

- Used Visual Studio 2019 with C# to make my own version of the Windows snipping tool
- Used the Tesseract API to run OCR on the snipped images
- Created a tool that myself and others use on a daily basis and works more efficiently than Microsoft's current snipping tool

AutoDJ

- Kahoot-style voting software for music selection tailored towards large groups
- Collaborated with a small group using Git to build a full stack application
- Worked with backend libraries such as Node.js and Express
- Managing server hardware to set up working environments for MongoDB

Handwritten Digit Classifier

- Used TensorFlow and Keras to classify handwritten digits in 28x28 images with a 95% accuracy
- Taught myself the basics of machine learning and convolutional neural networks
- Learned how to understand large dataset collection and classification

TECHNICAL SKILLS

- Python, Java, C#, C, Javascript, JQuery & AJAX, Flask, HTML5, CSS, Node.js
- Git and Github, Microsoft Windows, Office, Visual Studio, Ubuntu, Kali, Bash, Docker, Docker-Compose, MongoDB

EDUCATION

Computing Security - 3.03 GPA

Rochester Institute of Technology

📅 August 2019 – May 2023

Active Voting Member

RIT's Computer Science House

📅 August 2019 - Current

High School

Connetquot High School

📅 September 2015 - June 2019

EXPERIENCE

Intern

SUNation Solar Systems

📅 June 2019 – Aug 2019 📍 Bohemia, NY

- Assisted in managing a database of sensitive customer information as well as classifying customer documents through Salesforce.
- Automated the process of filling in missing information on sales records and panel installation data

Cashier

Wendy's Corporation

📅 Sept. 2017 - Nov. 2018 📍 Oakdale, NY

- Took orders, handled money, worked with POS software, and helped customers under stressful time-sensitive conditions

RELEVANT COURSEWORK

- Computer Science II
- Programming for Information Security
- Systems Administration I
- Routing & Switching I