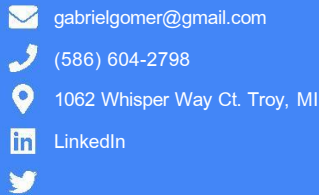# Gabriel Gomer

Computer Scientist

Software Developer

✉ gabrielgomer@gmail.com

📞 (586) 604-2798

📍 1062 Whisper Way Ct. Troy, MI

in LinkedIn

🐦

EDUCATION

Bachelor of Science

Computer Science

Oakland University

📅 September 2016 – April 2022

📍 Rochester, MI

🎓 3.15 GPA

SKILLS

- Java
- JavaScript
- CSS
- HTML
- Python3
- Django
- REST API's
- React Native
- MySQL
- C++

AWARDS

- Oakland University Hackathon 2019
- Automation Award
- Mongo DB Award

VOLUNTEER

- Gleaners Food Bank
- World Medical Relief Center

CAREER OBJECTIVE

Computer science graduate with technical experience in Python, Java, and JavaScript seeking a full-time position as a Junior software developer

PROJECTS AND RESEARCH

Stock Market Analytics Website

- React Frontend and Django Backend website that provides users with a subscription access to a series of neural network bots and analyze market closing trends.
- Implemented features including Search function, Routing data from backend to frontend, Candlestick Chart component, and adding pages/ layers to the App.js
- Worked with team members to design, build, implement, bug fixing, and improving performance of neural networks to analyze the stock data

Machine Learning AI Algorithms Research

- Amazon Reviews Data for Sentiment Analysis with Pytorch: created state of the art Recurrent Neural Networks including CNN-LSTM, LSTM, K Nearest Neighbors, and Fully connected NN.
- Performed local testing using both CUDA GPU and CPU in order to improve functionality
- Models performed with 70% accuracy average for each model using Grid Search hyperparameter tuning

Database, Web Scraping, and Browser Automation

- Successfully launched database using logical and conceptual design
- Hardcoded tables, aggregate functions, and drop table queries and created enhanced Entity Relational Model
- Gained critical thinking skills utilizing automated browsers and OS operations in Selenium Library
- Gained skills in web scraping in several websites including amazon and manga sites.
- Demonstrated Logistic Regression, Support Vector Machine, Neural Networks with MLP classifier models where I predicted the

PROFESSIONAL EXPERIENCE

BOSCH, Computer Science Intern (Oct – Dec 2015)

- Upgraded interfaces and increased operating efficiency with the development of an Equipment Database for existing Airbag Department.
- Maintained and updated filing, inventory, mailing, and database systems, either manually or using a computer.
- Gathered practical, computer-science related experience through collaboration with team and managers on the development of inventory databases

MISC. EXPERIENCE

Monroe Auto Service and Tire Centers (2020)

- Provide customers with automotive services including oil changes, brakes, and alignments, and quality inspections

Greenline Lawn Service (2020)

- Lawn maintenance, shrub trimming, and landscaping services