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📈 Experience

CrunchApps

Software Engineer, Machine Learning

Nov 2019 – Present

New York City

- Implemented ML models by preparing and processing data to train and deploy the results for production
- Improved and optimized PyTorch/TensorFlow models to serve as back-end APIs through AWS using Flask
- Built Python scripts to automate routines for data pre-processing tasks

Georgia Tech

Research Assistant

Sept 2016 – May 2018

Atlanta, GA

- Developed an Android application using proximity-based hardware to solve the 'bus-bunching' problem
- Trained ML models to predict the bus departures and arrivals based on multiple features from collected data

SecureWorks (IPO)

Software Engineer Intern

Jan 2017 – Aug 2017

Atlanta, GA

- Developed tools for an internal product called Logic Engine GUI using Java and Lift web framework.
- Wrote RESTful services and managed migrating data from legacy schema to new schema using MySQL

Dell SecureWorks

Software Engineer Intern

May 2015 – Aug 2016

Atlanta, GA

- Prototyped the location awareness functionality for a threat monitoring web application
- Troubleshooted the functionality and performance on both the back-end services and user interface

🔬 Projects

NeighborBonus

HackGT 2017

- Developed an end-to-end web application model for earning apartment referral bonuses using MEAN stack
- Built profile registration and user authentication functions, along with Google Map API to aid visualization

Full MOBA Competition

Game AI (CS4731)

- Won 1st (/40) place in the round-robin tournament, where my Heroes and Minions AI python implementation beat those written by other students

⚙️ Skills

Languages Java, Python, JavaScript, HTML, CSS, MATLAB, SQL, \LaTeX

Libraries NumPy, pandas, OpenCV, scikit-learn, Matplotlib, Requests

🎓 Education

Georgia Institute of Technology

B.S. Computer Science (Concentrations: Intelligence & Media)

Aug 2014 – May 2018

Atlanta, GA