

Hayden TY Kim

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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 the tools and infrastructure for an internal product called Logic Engine using Java
- > Created multiple functions in the Logic Engine that handle JavaScript functions through REST services

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