Anthony Sokolov

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Skills

Proficient: Python, C++, Git, Numpy, Pandas, Tensorflow, Alexa Skills Kit, Adobe Suite
Knows: Linux, Javascript, React, SQL, AWS

Experience

Undergraduate Teacher's Assistant, Hunter College Aug 2019 - Dec 2019

- Provided individualized instruction for students taking Discrete Mathematics
- Helped explain mathematical concepts in weekly recitations
- Graded student assignments

Data Science Intern, Trill Labs June 2019 - Sep 2019

- Built a recommendation system to connect users with relevant streetwear products
- Implemented an API using methods of matrix factorization and collaborative filtering
- Created a database and implemented counters to track user product views

CUNY IBM Watson Challenge, 2nd Place Jan 2019 - May 2019

- Designed a platform to help college students study using IBM's Watson API
- Used natural language processing and understanding to transcribe lectures and create review sheets
- Created a business case analysis and presented to a panel of industry executives

Education

BA in Computer Science and Mathematics, Hunter College Aug 2018 - May 2022

- Studying in the Daedalus Scholars Program
- Relevant Coursework: Software Design, Discrete Mathematics, Computer Architecture
- 3.8 GPA

Projects

Autoserv

- Created an application to automate car maintenance using the Smartcar API
- Used odometer readings to estimate fuel levels and predict when maintenance is needed
- Won award for Most Startup-Viable Hack at YHack 2018

MNIST Digit Classifier

- Created a network capable of classifying images of handwritten digits
- Constructed feedforward and convolutional neural networks using only Numpy

Glucontrol

- Built an Alexa Skill using Python and AWS that provides a food's glycemic index
- Used web scraping and data cleaning methods to gather glycemic index information

Laser Chess

- Created a version of the board game Laser Chess in Python
- Used Pygame to visualize the mechanics of a laser beam reflected off of mirrors
- Used a 2D list to represent the board