Chentian Jiang

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Durham, NC

Education

Duke University (2015-2019)
B.S. in Computer Science
Minor in Neuroscience
GPA: 3.64/4.00

Coursework:
- Data Structures and Algorithms
- Computer Architecture
- Discrete Math for Computer Science
- Introduction to Artificial Intelligence
- Introduction to Operating Systems
- Design/Analysis of Algorithms

Skills

Knowledgeable
- Python
- Java
- HTML, CSS (Sass)

Comfortable
- Javascript
- Swift
- Git

Experience

Telenor, Research Intern
June - July 2017 | Trondheim, Norway
- Improved the performance of a deep learning model that predicts customer responses from a noisy and unbalanced dataset
- Experimented with different deep learning model architectures from research papers using Tensorflow and Keras
- Documented this process in Jupyter notebooks and delivered a formal presentation of results to senior researchers

Pauca Startup at Duke, Software Engineer
January 2017 – Present | Durham, NC
- Developed several front-end components in Swift for a group-based social media app
- Communicated with the lead developer and product designer to implement/improve features based on feedback

Projects

Anomaly Detection for Bow Tie Drawings
A web app with a drawing canvas that recognizes whether the user's drawing is a typical bow tie drawing or an anomalous one. The model is an autoencoder built with Tensorflow and trained on Google's Quick, Draw! dataset. The server-side uses Flask and the client-side is implemented in HTML, CSS and JS.

Recommender System for GitHub Repositories
A collaborative filtering algorithm implemented in Python (NumPy) that recommends GitHub repositories based on a user's starred repositories. The dataset was created with the Requests library (Python) and GitHub's API.

Other

Duke Catalyst (social/pre-professional organization for tech), Professional Chair

Duke Badminton Club, Treasurer

https://chen10an.github.io
https://github.com/chen10an
https://linkedin.com/in/chentianj