Chentian Jiang

chentian.jiang@duke.edu
(732)500-8731
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

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) to address the problems of data imbalance and mixed feature types
- Delivered a formal presentation of results to senior researchers

Pauca Startup at Duke - Software Engineer
January - Present 2017 | Durham, NC
- Developed several front-end components in Swift for a group-based social media app
- Reached out to 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.
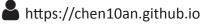
Recommender System for GitHub Repositories
A collaborative filtering algorithm implemented in Python (NumPy) that recommends GitHub repositories based on a user's starred repositories. The dataset was created with the Requests library (Python) and GitHub's API.

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