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Github:
github.com/davidhuangal

EDUCATION

Columbia, MO

University of Missouri

Fall 2016 – May 2020

Bachelor of Science in Computer Science
(Minor in Mathematics)
Hours Completed: 57
In-Major GPA: **3.5**

PROJECTS

- **Convolutional Nets:** Implemented convolutional neural networks on both the MNIST image dataset and the CIFAR10 image dataset using Python and Keras.
- **Dating Survey:** Implemented KNN classifier using Scikit-Learn to predict whether or not someone would get a second date based on a few questions. Based on a Kaggle dataset about speed dating results. (In progress: creating a web application using Flask to take the survey and return the results).
- **Cholesky Factorization:** Wrote simple Matlab/Octave to compute the Cholesky factor of a symmetric, positive definite matrix.
- **Doctor's Appointment Booking System:** This program simulated reserving an appointment on a day in a given month for a doctor's visit. The user could schedule an appointment as long as it was open. There was also an admin log-in feature where an administrator could see the amount of revenue made in a particular month or remove appointments if necessary.
- **See Github for more:** github.com/davidhuangal

EXTRACURRICULAR INVOLVEMENT

- **Mizzou Computing Association:** Currently participating in the Machine Learning SIG.
- **TigerHacks:** Director of sponsorship for the university's annual hackathon: TigerHacks.
- **Concert Choral:** Performed in this audition-based choir in Spring 2017 and Fall 2017.

SOME RELEVANT COURSEWORK

- Algorithm Design, Object Oriented Programming, Database, Software Engineering
- Calculus I-III, Discrete Math, Numerical Linear Algebra, Intro to Mathematical Stats using Calculus

OTHER INTERESTS

- Machine Learning
- Mathematics

LANGUAGES AND TECHNOLOGIES

- Python, C, Java, JavaScript, Matlab/Octave
- Scikit-Learn, Keras, NumPy, Flask, Node.JS/Express
- MySQL

OTHER SKILLS

- Basic fluency in Spanish.