

Rosemary Fortanely

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github.com/codesmary

Education

The University of Texas at Austin

B.S. Computer Science, Machine Learning and Artificial Intelligence Concentration

Additional Minor: Studio Art

GPA: 3.27 • Class of 2021

Skills

Programming

C++ • Java • Python • C

Design & Art

Illustration • Painting • Printmaking

Coursework

(Upcoming) Data Mining, Software Engineering (Completed) Algorithms, Operating Systems, Computer Architecture, Data Structures, C++, Competitive Programming, Probability, Discrete Math, Linear Algebra, Differential Equations, Calculus I-III

Work Experience

Microsoft

Software Engineering Intern *Summer 2019*

Pipelined insights generated from logging analytics into a Power BI report using Excel.

Software Engineering and PM Intern *Summer 2018*

Created spec for UX design of Microsoft Edge browser settings in Intune portal. Wrote programs in C# and TypeScript to provide Intune cloud support for Microsoft Edge browser settings.

The University of Texas at Austin

Computational Materials Researcher *Summer 2017*

Researched and implemented optimization algorithms using python. Generated and presented visualizations of hyperparameter tuning with NumPy.

Projects

Ukulele Tab Generator

Designed and trained a Temporal Convolutional Network and implemented a web scraper using python, PyTorch, and Selenium to scrape musician's works from a database and create novel songs.

EmotiSong

Queried a database for song lyrics and used IBM Watson Natural Language Understanding API to rank their emotional sentiment. Designed and coded, using Java and XML, an Android app that takes a photo and plays the corresponding song best fitting the mood of people in the photo.