

Qiping Pan

800 DongChuan Rd.

Email: panqiping@outlook.com Mobile: (+86)15821751865

EDUCATION

- Electronic and Computer Engineering, Shanghai Jiaotong University (GPA 3.7/4.0)
2018.9-present
- Computer Science, University of Michigan Ann Arbor (GPA 3.8/4.0) 2020.9-present

PROJECT

Program Synthesis System University of Michigan 2021.8-present

- The program synthesis system helps the user generate tensorflow matrix manipulations by taking I/O examples
- Build a user interface to provide various user input to synthesizer
- Analyze the existing model and improves the model by more complex feature engineering.

Visual Exploratory Thesis System SJTU Undergraduate Research 2020.7-present

- Build a data visualization system for SJTU paper system to reveal the trend of different research areas and provide recommendation of collaboration for researchers.
- Analyze the data, determine the corresponding visualization encoding and interaction method and research on the entity similarity algorithm based on natural language.
- Use React to program the user interface and communicate with express framework as back-end.

Mathematical Contest In Modeling COMAP 2020.3

- Analyze the critical reasons for the decline of fish population induced by global warming and propose simulation model.
- Use matlab to realize the time series and linear programming model. Use python to import and export csv data.

WORK

Front End Developer Intern Tiktok 2021.5-2021.8

- Setup event tracking for advertisement landing page.
- Build and maintain testing infrastructure.
- Build interactive tools using Feishu Cloud Service to facilitate development, such as batch update database.
- Refactor the project into clearer hierarchy to facilitate code reuse and management.

AWARDS

- Student Development Scholarship of Shanghai Jiaotong University Joint Institute 2020.6
- Meritorious Winner: Mathematical Contest In Modeling 2020.5
- ABC Outstanding Undergraduate Scholarship: Shanghai Jiaotong University 2019.11