

# Mingda Wei

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## EDUCATION

**MAJOR IN COMPUTER SCIENCE** | East China Normal University

Sept 2018 – June 2022 | major GPA:3.66/4

## WORK EXPERIENCE

**FULL TIME** | Morgan Stanley

Aug 2022 - Now | Associate

Equity swap corporate action develop team.

**INTERNSHIP** | OneConnect

July 2021 - Aug 2021 | Assistant Algorithm Engineer

Use bert+GNN in QA data to train financial data, and increase the em and f1 predicted by answer by 2% compared with the company's previous model.

## PROJECT EXPERIENCE

**SHARED BICYCLE BACKGROUND MANAGEMENT SYSTEM** 2021.05

- Use python flask to build the back-end, vue to build the front-end, the database is mysql.
- Call map API and Baidu echart API to display data.
- The access rights of administrators and users are divided to a certain extent, and some pages can only be accessed and modified by administrators.
- Introduce the map visualization tool library mapv as the page display of the map, various data display such as direct dot, heat map, grid, aggregation, etc. are all carried out on the mapv tool library.
- Use the flask-docs tool to automatically generate interface documentation.

**IMAGE DEPTH ESTIMATION BASED ON UNET** 2020.11

- Use the depth data of the kitti dataset for training.
- Use Unet network for learning.
- The specific content is posted on my blog: Image Depth Estimation Based on Unet.

**PASCAL COMPILER** 2021.11

- Design and implement a simple Pascal language compiler
- Use C++ to write syntax analysis and lexical analysis intermediate code generation and execution
- Use qt to make the interface
- Complete grammatical error judgment and positioning

## SKILLS

- language: python • C++ • Java
- Familiar with basic data structure
- basic Linux usage

## AWARDS

2021 | H Prize of American College Student Mathematical Contest in Modeling

2020, 2021 | National Inspirational Scholarship

2019, 2020, 2021 | School-level scholarship

## VOLUNTEER EXPERIENCE

2018-2019 | Xingjia Volunteer Service Association

Volunteer Tutors for Poor Families