

# ZIQIAN DING

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## EDUCATION

**Nanjing University** Jun. 2023 (Expected)  
*B.S. in Computer Science* Jiangsu, China

- **GPA:** 4.59/5 (91.8/100)
- **Ranking:** 6/193 (Top 3%)

## RESEARCH EXPERIENCES

**UNC Chapel Hill** Oct. 2021 - Present  
*Research Assistant* Chapel Hill, NC

- Manage, clean and summarize large scale datasets.
- Analyze data using econometric, statistical models and machine learning tools, including DiD and DML.

**Nanjing University** Oct. 2020 - Dec. 2021  
*Research Apprentice* Jiangsu, China

- Find a deep learning solution to the detection of road lanes with machine learning methods based on the traditional End-to-End system in Autonomous Driving.

## SELECTED PROJECTS

**Plants vs. Zombies** Mar. 2021 - Jun. 2021

- It is a Plants vs. Zombies game based on C++ and QT, using the Object Oriented Programming paradigm. There are multiple kinds of zombies and plants displayed in GIF format.

**The NEMU Project** Sep. 2020 - Feb. 2021

- NEMU aims to create a simplified i386 simulator. The final product is a simplified operating system that can execute programs with the i386 instruction set.

**An Educational Administration System** Mar. 2020

- It is an C++ based information system with a simple interface that could manage the choice of classes, student numbers and etc. There are different functions for both students and the administrator.

## SELECTED HONORS

**National Scholarship** Dec. 2021  
*for top 0.2% students national-wide* Ministry of Education, PRC

**The Wanglaoji Scholarship** Dec. 2020  
*for top 5% students* Nanjing University

**Outstanding Student** Nov. 2020  
*for top 5% students* Nanjing University

## SKILLS

**Languages** C++, C, Python, R, Stata, Matlab, SQL, Markdown and  $\text{\LaTeX}$   
**Frameworks & Packages** Pandas, PyTorch

## MISCELLANEOUS

GRE 331+4.0 IELTS 7.5