

Peijie Ding

peijied2@illinois.edu • (217) 979-7831

Education

University of Illinois Urbana-Champaign, Champaign, IL

Aug 2022 - Present

Computer Science + Economics, Junior Year

GPA 4.0

- Dean's List Academic Achievement Award
- Relevant coursework:
 - Computer Science: Data Structures, Discrete Structures, Computer Architecture, System Programming, Linear Algebra with Computational Applications
 - Economics: Microeconomic and Macroeconomic Principles and Theory, Economic Statistics, Economics of the Workplace, Economic Forecasting
 - Statistics Minor: Multi-dimensional Calculus, Statistical Analysis, Statistical Modeling in R

Skills

Programming: C++ (Main), Java, Python, JavaScript, R, Git, Bash, MIPS

Software: Windows Operating Systems, Mac OS X, VMware, Visual Studio, Github, Android Studio, *Microsoft:* Office, Outlook, *Apple:* iMovie, *Adobe:* Premiere Pro

Language: English, Mandarin

Experience

University of Illinois Urbana-Champaign – Discrete Structures Course **Champaign, IL**

Group Project Manager and Main Contributor

January 2024 – May 2024

- Led a team of 3 people to design Spimbot program to compete against computer
- Designed interrupt handling and winning strategy, made puzzle solving ability of bot 10 times faster and increases as the bot moves
- Won 75% opponent bots without using previously model and won 70% groups in the course

University of Illinois Urbana-Champaign – Intro to CS Honors Course

Champaign, IL

Group Project Manager

September 2022 – January 2023

- Led a team of 6 people to make platformer game using python

- Implemented character and platform features with pygame library
- Supervised incorporating members work and game design

University of Illinois Urbana-Champaign – Intro to CS Course

Champaign, IL

Individual Project Contributor

September 2022 – January 2023

- Designed a Champaign map app on Android Studio using Java
- Added zooming, searching, and redirecting features on top of existing functionality
- Earned extra credit because of outstanding work

Personal Experience

Personal PC Building

Champaign, IL

- Completed parts selection and assembling, bios settings, Windows and hardware drivers installation, and testing within 1 week
- Functioned with no technical issue for 2 years