

Jiazhi Chen (Bobby)

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Education

University of Illinois Urbana-Champaign

Aug 2021 – Dec 2022

Professional Master of Computer Science

Selected Courses:

Software Engineering, Applied Parallel Programming, Advanced Data Management, Computational Photography

Washington University in St. Louis

Aug 2017 – May 2021

Bachelor of Science in Computer Science

Final GPA: 3.93/4.00

Honors: Summa Cum Laude Final Honors, Dean's List every semester

Selected Courses:

Data Structures and Algorithms, Object-Oriented Software Development, Computer Networks, Data Mining, Video Game Programming, Web Development, Intro to Artificial Intelligence, Systems Security

Skills

- Programming Languages: C/C++, Java, C#, PHP, HTML & CSS, JavaScript, Python
- Technologies/Environment: React, Windows, MySQL, Unity3d, Matlab

Work History

Bashpole Software, Inc

Remote

Software Engineering Internship

Expected: Sept 2021 – Dec 2021

- Help build a template of advertising and donation webpages for nonprofit organizations
- Attend regular meetings to prevent isolation and facilitate regular collaboration

The Oppia Foundation

Remote

Online Open-Source Contributor

May 2020 – Sept 2020

- Migrated AngularJS files to **Angular 8** so that project could support mobile development
- Documented existing frontend services with **JSDoc**

Washington University in St. Louis

St. Louis, MO

Teaching Assistant

Aug 2018 – Dec 2018, Aug 2020 – Dec 2020

- Gave instructions in completing in-class **C++** programming exercises during studios
- Organized weekly TA hours to answer students' questions on **AI** programming assignments

Projects

Temple-Run

Aug 2019 – Jan 2020

- Built a 3D Temple-Run game using **Unity3d** game engine
- Implemented the game logics as a finite-state machine by writing scripts in **C#**

Online Chatting Room

Oct 2018 – Jan 2019

- Built the server based on node.js, with user information encrypted and stored using a **MySQL** database
- Enabled the communication between clients and the server using **socket.io**

Accomplishments

International Collegiate Programming Contest (ICPC)

Sep 2018 – Nov 2018

- Team ranked 14th among 125 teams in the 2018 Mid-Central USA Regional Contest