

Wei Jiang

East Lansing, MI jiangw14@msu.edu 517-775-2321 <https://by-the-w3i.github.io>

Education

Michigan State University, East Lansing Michigan
Computer Science B.S.

Graduated: May 2018
GPA: 3.96/4.0, Ranking: Top 2%

Dean's List: 2014F, 2015S, 2015F, 2016F, 2017S, 2017F
2017/7 Raymond W. Newman Computer Science and Engineering Scholarship \$1000

Notable courses completed:

Python Programming, C++ Programming, Discrete Mathematics, Software Design, Algorithm & Data Structure, Computer Architecture and Design, Operating Systems, Computer Graphics, Mobile App Development, Web Development, Advanced Algorithm, Compiler, Computer Networks, Big Data Analysis

Skills

Programming Languages: [Advanced] C++, Python, C, JS, HTML, CSS
[Intermediate] Java, PHP
[Familiar] C#, Swift

Operating System: Mac OS, Linux, Windows, Raspbian

Languages: Chinese, English

Data Analysis related: Python package (pandas, scikit-learn), Query Languages (SQL, Hive, Pig Latin), frameworks (Hadoop, Spark)

Experience

MSU Capstone senior design

Activ Cybersecurity Management System (CMS)

East Lansing, Michigan
January 2018 – May 2018

- Worked as full stack web programmer using asp.NET framework
- Automated the entire product cybersecurity process on CMS.

MSU Computer Department

Teaching Assistant (CSE 232, C++)

East Lansing, Michigan
August 2017 – May 2018

- Assisted in the grading, proctoring and planning for the course
- Led a 2-hour lab and a help room per week for C++ tutoring.

Tencent

Software Engineering Intern

Hangzhou, Zhejiang, China
July 2017 – August 2017

- Wrote C/C++ to build a real-time chatting overlay app called TransformDlgApp project based on MFC; designed UI and UML; implemented the double buffering.
- Participated in embedded development (IoT), generated static C libraries, cross-compiled for microchip, implemented TTS (Text to Speech) in Xiaowei AI speaker

MSU Computer Department

Teaching Assistant (CSE 231, Python)

East Lansing, Michigan
January 2017 – May 2017

- Assisted in the grading, proctoring and planning for the course
- Led a 2-hour lab and a help room per week for python tutoring.

MSU Matrix

Web developer

East Lansing, Michigan
June 2016 – August 2016

- Participated in ARCS web project and Used PHP wrote some backend code based on CakePHP
- Used JS, CSS, HTML to solve some frontend tasks

MSU Math Learning Center

Calculus Tutor

East Lansing, Michigan
August 2015 – December 2017

- Answered questions and solved problems from students who are taking calculus courses
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Projects:

GitHub: <https://by-the-w3i.github.io/>

Portfolio: <https://by-the-w3i.github.io/data/portfolio.pdf>