

Education

University of Wisconsin - Platteville

BS Software Engineering

Sep. 2017 | May 2021

Skills

Programming Languages: C++, C#, Java, JavaScript/TypeScript, Python

JavaScript Frameworks: Angular 2+, Bootstrap v3/v4, ChartJS, Materialize

Markup Languages: LaTeX, Markdown

Databases: PostgreSQL

Operating Systems: Windows, GNU/Linux, Android

Software: Excel, Git, JIRA, Photoshop, Wordpress

Awards

Staff Member of the Semester

Jan. 2020

UW-Platteville Residence Life

Recognized for outstanding achievement during Fall 2019 semester.

WSTS Poster Symposium Award

July 2019

WiSys

Winner of second place in WiSys' annual celebration of research and innovation.

Academic Scholarship

June 2019

Lombard Lodge No. 1098 A.F. & A.M.

Recieved for service to school and community as well as strong potential for leadership.

Academic Scholarship

May 2018

SMTA Wisconsin Chapter

Recognized for passion in the technical field of electronics.

Bug Bounty

June 2017

Securly

Created and confidentially reported a serious exploit in a web filtering system.

Organizations

Association for Computing Machinery (ACM)

Sep. 2018 | Present

Student Member

World's largest scientific and educational computing society. Attendee of on campus meetings and events such as the 2018 and 2019 North Central NA Regional Contests for the ICPC.

Westview Elementary 3rd & 4th Grade Coding Club

Sep. 2018 | Jan. 2020

Volunteer Mentor

Free coding club for 3rd and 4th grade students at Westview Elementary in Platteville, Wisconsin. Utilized the curriculum provided by Code.org and Google's CS First.

Work Experience

Nelnet

June 2020 | Present

Software Engineering Intern

- Currently learning how to provide enhancement and support of internal and external web-based applications.

UW-Platteville CSSE Department

Sep. 2018 | May 2020

Lab Assistant

- Employed to provide weekly lab assistance for students enrolled in Computer Science courses in a courteous and efficient manner. Experienced with policies of the Computer Science department in regards to code quality, assessment, and plagiarism. Trained and tested on The Family Educational Rights and Privacy Act of 1974 in order to act as a liaison for the University.

UW-Platteville Residence Life

Jan. 2019 | March 2020

Resident Assistant

- Leadership position in a campus residence hall. Responsible for overseeing more than 25 undergraduate students, providing information on university resources, and developing an educational atmosphere.

UW-Platteville CSSE Department

Sep. 2018 | Aug. 2019

Undergraduate Researcher

- 1 out of 10 students from the university to receive the 2019 SUSP grant. Worked under Dr. Selent to research, design, and develop multiple predictive models used to predict student struggle in future CSSE courses.
- Previously involved in multiple research groups under Dr. Alkhushayni. Primary group developed an Android application developed to be used for personal health data entry, storage, and analysis. Implemented a unique set of chronic disease risk assessments.

Perritt Capital Management

July 2018 | Aug. 2018

Intern

- In-office and remote data collection as well as analysis. Most work was done through Microsoft Excel. VBA macro creation for mass data formatting and chart creation

UW-Platteville Dining Services

Sep. 2017 | Jan. 2018

Student Employee

- Opening of multiple dining stations, including allergy-free food preparation. Followed guidelines for cooking to ensure quality meals and a safe environment for employees.

McDonald's

Feb. 2016 | Feb. 2017

Crew Member

- Experience with multiple positions such as food preparation, cashiering, inventory management, dishwashing, and closing the restaurant. Developed time management skills to meet quick food preparation times. Balanced correspondence skills with customers, with attention to conflict prevention. Awarded Employee of the Month in April of 2016.