Austin FitzGerald

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Education

University of Wisconsin - Platteville   *BS Software Engineering*   Sep. 2017 | May 2021

Skills

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

JavaScript Frameworks: Angular 2+

Markup Languages: LaTeX, Markdown

Databases: PostgreSQL, SQL Server, DB2

Operating Systems: Windows, GNU/Linux, Android

Software: Excel, Git, Jira, BitBucket, Confluence, Bamboo, Photoshop, Wordpress

Awards

Residence Life Awards   2019-2021
UW-Platteville Residence Life
During my time working for Residence Life I was recognized as a Lifetime Award Winner, a Senior
Assistant of The Semester, and a Staff Member of The Semester for Wilgus Hall.

Academic Awards   2017-2021
SMTA Wisconsin Chapter
Throughout my undergraduate years I received scholarships from the SMTA Wisconsin Chapter and
Lombard Lodge No. 1098. I also received a research grant from my university.

WSTS Poster Symposium Award   July 2019
WiSys
Winner of second place in WiSys' annual celebration of research and innovation.

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 | May 2021
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 2021 | Present
IT Software Engineer

UW-Platteville Residence Life   Jan. 2019 | May 2021
Resident Assistant, Senior Assistant

- As a Resident Assistant I was responsible for overseeing more than 25 undergraduate students, providing information on university resources, and developing an educational atmosphere.
- As a Senior Assistant I was responsible for coordinating administrative duties, health and safety protocols, and acting as a supervisor for a staff of 7 Resident Assistants.

Nelnet   June 2020 | August 2020
IT Software Engineering Intern

- Performed duties related to enhancement, support, and design of internal web-based applications for Business Continuity. Gained experience with build tools, application servers, accessibility frameworks, and methodologies used in a 10-person Agile team.

UW-Platteville CSSE Department   Sep. 2018 | May 2020
Lab Assistant, Undergraduate Researcher

- As a Lab Assistant I provided assistance to students enrolled in Computer Science courses in a courteous and efficient manner. Gained experience with policies regarding code quality, assessment, and plagiarism.
- As an Undergraduate Researcher I worked under Dr. Selent to research, design, and develop multiple predictive models used to predict student struggle in future CSSE courses. I also worked under Dr. Alkhushayni to implement a unique set of chronic disease risk assessments for a personal health application.