Austin FitzGerald

me@afitz.space | Geneva, IL | https://AFitz.space

Education

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

Technical Skill Summary

Programming Languages: Java, TypeScript, JavaScript, Python

Markup Languages: LaTeX, Markdown

Frameworks: Angular 2+, AngularJS, Spring Framework

Databases: SQL Server, PostgreSQL

Software: Jira, BitBucket, Confluence, Bamboo, GitHub, GitLab, ServiceNow, SiteMinder, Excel, WebSphere 8.5/9

Work Experience

Nelnet (Madison, WI)   Jun. 2021 | Present
IT Software Engineer

- As a member of an eight-person Scrum team, I help maintain over twelve software systems while working remotely. Some of the systems have been newly-developed during my time, while others are legacy systems that mostly require production support and security updates. System technologies vary based on need and lifetime; I have gained some experience with AWS.
- I have improved our team's efficiency by advocating for and implementing automated code quality enforcement, proactive maintenance techniques, and procedures to streamline production implementations. I have also studied the enterprise risk management framework and external resources in order to improve the security engineering stature of development teams across the organization.
- I am a notable contributor to the Unifi Design System. I began as a regular meeting attendee before transitioning into component development, which required active collaboration with UI/UX designers, accessibility engineers, and stakeholders. I then filled in to provide lead development and support during a staffing change, where I assisted with interviews and sharing knowledge with new hires.
- I regularly attend events regarding company culture, professional development, and innovation. I also acted as a mentor to an intern who spent between 15-20 hours per week on our team during the school year.

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

- As a senior assistant I was responsible for coordinating administrative duties, health and safety protocols, and acting as a co-supervisor for seven resident assistants. I was voted by my peers as the *Senior Assistant of the Semester* in the fall of 2020. I received the *Lifetime Residence Life Award* in the spring of 2021.

- As a resident assistant I was responsible for overseeing a community of approximately twenty-five undergraduate students, providing information on university resources, and developing an educational atmosphere. I was voted by my peers as the *Staff Member of the Semester* in the fall of 2019.

Nelnet (Madison, WI) <div align="right">Jun. 2020 | Aug. 2020</div>
IT Software Engineering Intern

- I learned how to perform duties related to the maintenance and enhancement of business continuity management systems within a ten-person Scrum team while working remotely.

UW-Platteville CSSE Department (Platteville, WI) <div align="right">Sep. 2018 | May 2020</div>
Lab Assistant, Undergraduate Researcher

- As a lab assistant I provided support to students enrolled in introductory computer science courses, assisting them understand and complete assessments related to core concepts regarding data structures, algorithms, and object-oriented programming.
- As an undergraduate researcher I worked in a team under Dr. Selent to research, design, and develop multiple predictive models used to predict student struggle in CSSE courses; our team won 2nd place in the 2019 WSTS Poster Symposium. I also worked under Dr. Alkhushayni to implement a unique set of chronic disease risk assessments for a personal health application.

Organizations

Association for Computing Machinery (ACM) <div align="right">Sep. 2018 | May 2021</div>
Student Member
I was a regular attendee of on-campus meetings and events such as the 2018, 2019, and 2021 International Collegiate Programming Contests.

Westview Elementary 3rd & 4th Grade Coding Club <div align="right">Sep. 2018 | Jan. 2020</div>
Volunteer Mentor
I mentored 3rd and 4th grade students as part of a coding club at Westview Elementary in Platteville, Wisconsin. We utilized curriculum provided by Code.org and Google's CS First.