

Ethan Lengfeld

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EDUCATION

University of Wisconsin – Madison - Madison, WI

September 2016 – May 2020

Bachelor of Science in Computer Sciences

Minors in Mathematics, Entrepreneurship, Leadership

EXPERIENCE

Sentry Insurance, Madison, WI — Associate Software Developer

April 2017 – PRESENT

- Fixed front-end and back-end defects throughout various web apps in order to improve system experience for users
- Transitioned to back-end development, notably using Snowflake for building views and formatting data for better data analysis by our business intelligence team to better predict trends
- Complete project and defect development following the Agile methodology by participating in daily stand-ups and bi-weekly iteration meetings in order to complete work in an efficient and effective manner

University of Wisconsin - Madison, Madison, WI — WES Computer Science Ambassador

May 2018 – August 2018

- Encouraged students from underrepresented backgrounds to explore the Computer Sciences major
- Informed incoming freshman of intro level computer science classes so they could enroll in computer sciences classes
- Explained the benefits of knowing and understanding computer sciences

Middleton-Cross Plains Area School District, Middleton, WI — Intro to Java Programming Tutor

September 2015 - January 2016

- Explained difficult concepts to help about thirty students so they could better understand the curriculum of the class
- Guided students toward better solutions and advised students to continually learn new techniques for coding

ORGANIZATIONS

Pi Kappa Phi Fraternity, Madison, WI – Member, Vice President

September 2017 – PRESENT, November 2018 – December 2019

- Recruited the largest group of members ever in the chapter's history which resulted in sixteen new members joining Pi Kappa Phi
- Attended the Pi Kappa Phi College for Chapter Officers and represented my university's chapter as the Vice President in order to learn the main responsibilities as Vice President along with developing my leadership skills
- Organized and led a small team of members to find the best ways to attract and recruit new members for our fraternity to build our chapter size to better pursue our mission of changing negative stigmas with Greek life

Best Buddies, Madison, WI – Associate Member

September 2017 – PRESENT

- Help build relationships with member Buddies and encourage greater community involvement with people living with disabilities
- Participate in volunteer events that raise money for people with disabilities as well as spread awareness in order to fund Best Buddies events and outreach

PROJECTS

- Created a full-stack web app for Sentry to track changes that were made to an external Agent's account to alleviate pressure on call center due to agent's having unknown changes to account

- Used MVC framework to build out app. Using technologies such as Java, vanilla JavaScript with jQuery framework, HTML, Struts, XML, Hibernate framework for MS SQL Server connection, JUnit
- Used Git with Bitbucket for version control, Atlassian's Jira for user stories/tasks and daily burn-down

- Created React Native mobile app called GreenThumb for users to find information on plants for their garden.

- Responsible for creating and styling UI elements on main screens (User's Garden, Search, Recommendations)
- Participated in peer-programming to complete several tasks assigned throughout iterations, used Slack channels for communication