

Ethan Lengfeld

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EDUCATION

University of Wisconsin – Madison

Bachelor of Science in Computer Sciences

Minors: Entrepreneurship, Leadership, Mathematics

September 2016 – May 2020

Amazon Web Services

AWS Certified Cloud Practitioner

December 2020

EXPERIENCE

Sentry Insurance, Madison, WI — Data Systems Developer

June 2020 - Present

- Worked to build Java back-end of application that allowed users to define their own ETL pipelines, supporting six data file types
- Provided support to pipeline using several backend technologies notably Java, Kafka, AWS S3, AWS Lambda, Snowflake
- Primary developer on the migration from Apache Hive on-premises to Snowflake warehousing in the cloud
- Created Automated Data Testing projects in Jenkins for ensuring data integrity for business analysts
- Migrated ADT queries from Hive to Snowflake, effectively cutting ADT query times from 48 minutes to 46 seconds
- Architected and developed Java code to execute create, delete, and refresh statements to support Snowflake consumption by analysts
- Obtained AWS Certified Cloud Practitioner certificate to more effective development within Amazon Web Services
- Enhanced data lake for analytical business users by increasing data accessibility and decreasing query runtimes

Associate Software Developer

April 2017 – May 2020

- Fixed front-end and back-end defects throughout various web apps to improve system experience for users
- Learned several front-end technologies on the job to support defect work and new implementations
- Created a full-stack web app for Sentry to track changes that were made to an external Agent's account
- Completed project development following the Agile methodology by participating in daily stand-ups and bi-weekly iterations

ORGANIZATIONS

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

September 2017 – May 2020, November 2018 – December 2019

- Recruited the largest group of members in the chapter's history which resulted in sixteen new members joining Pi Kappa Phi
- Represented my university's chapter at the Pi Kappa Phi College for Chapter Officers to learn the main responsibilities as Vice President
- Participated in several workshops to develop my leadership skills and how to make more positive impacts

Best Buddies, Madison, WI – Associate Member

September 2017 – May 2020

- Helped build relationships with member Buddies and encouraged greater community involvement with people living with disabilities
- Volunteered at events that raised money for people with disabilities to fund future Best Buddies events and outreach
- Engaged with many students and members to increase awareness and connectivity through in-person events and online posts

PROJECT

- 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
- Hosted three reviews with client, one at the end of each increment to show the work that had been previously completed

SKILLS

Technical

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|---------------|--------------|----------------|-----------|
| • Java | • Snowflake | • HTML | • Git |
| • Python | • AWS Lambda | • CSS | • Jenkins |
| • Kafka | • Amazon S3 | • JavaScript | • Jira |
| • Apache Hive | • Spring MVC | • React Native | • MS SQL |

Soft

- | | | | |
|--------------|-------------|------------|--------------|
| • Analytical | • Dedicated | • Advising | • Optimistic |
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