Kyle Floersch
Software Engineer

EXPERIENCE

Autodesk / DevOps Intern
Novi, MI | May 2021 - August 2021
- Leveraged AWS Cloudformation to design and create a cloud environment using infrastructure as code.
- Utilized Python NLP libraries and AWS Lambdas to categorize and track customer requests within Slack workspace.
- Combined DynamoDB database with Slack and Service Now REST API's to significantly increase customer satisfaction and speed at which issues were resolved.

Pursu.dev / Front End Developer
Ann Arbor, MI | June 2020 - Present
- Researched and designed initial schema, theme, and logo for the website.
- Developed dynamic front-end for landing page and dashboard to display recruiting information to users by utilizing React.js, Tailwind CSS, and Material-UI.
- Connected to GraphQL API to make queries to read and cache information and display details and progress for the user.

PERSONAL PROJECTS

Is This Recyclable? / Hack the Earth Hackathon
Waterloo, Canada | May 2020
- Created a website to categorize recyclable items via image recognition using Python's ImageAi and Flask libraries.
- Trained artificial intelligence model using hundreds of images to build a catalouge of discernable objects.
- Improved categorization of commonly mishandled household waste.

Automated Meeting Tracker / Kappa Theta Pi
Ann Arbor, MI | October 2019
- Cooperated with team to write Python script to track and record mandatory meetings between members.
- Automated uploading and updating process by connecting to Google Sheets and Instagram APIs and hosting code on an AWS instance.
- Saved hundreds of hours of search time for the organization.

LEADERSHIP & ACTIVITIES

Kappa Theta Pi Professional Fraternity / Vice President
Jan. 2021 – Present
- Coordinated and lead the creation of a national organization, communicating with chapters from other universities to achieve long term projects.
- Collaborated with treasurer to allocate funds for and provide an improved senior experience.
- Handled feedback within the organization to address issues and conflicts that arose, working with other board members to integrate solutions.

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EDUCATION

University of Michigan
College of L.S.A
B.S. in Computer Science
Ann Arbor, MI | *2019 - 2022*

Major: Computer Science
Minor: Business
GPA: 3.71 / 4.0

Relevant Coursework:
Data Structures & Algorithms (EECS 281)
Computer Architecture (EECS 370)
Web Systems (EECS 485)
Foundations of Computer Science (EECS 376)

SKILLS

Code:
C++, C, Python, Java, React, HTML5, CSS, Javascript, AWS, Git, Flask, SQL

Business:
Scrum, Agile, German (Conversational), Microsoft Office, JIRA

HONORS & AWARDS

President's Education Award:
June 2018

Dean's List - Drexel University:
Fall 2019
Winter 2019
Spring 2019