

Kyle Mooney

FULL STACK SOFTWARE ENGINEER

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SKILLS

Javascript (ES6), Python, Flask, SQLAlchemy, React / Redux, Alembic, Express.js, SQL, SQLite3, PostgreSQL, HTML5, CSS3, Node.js, Git

PROJECT EXPERIENCE

BarMate >> JavaScript, Python, Flask, Flask-SQLAlchemy, PostgreSQL, HTML, CSS [Github](#) > [Live](#)

Cocktail recipe website with recipe suggestions, user recipe creation, ingredient management, and rating/review functionality.

- Developed custom filter queries to select recipes that a user can make based on their personal stock of ingredients.
- Enhanced API security by implementing user authentication and authorization.
- Implemented interactive user interface in React to reflect bar inventory changes instantly, utilizing efficient state management techniques.

Jello >> JavaScript, Python, Flask, Flask-SQLAlchemy, PostgreSQL, HTML, CSS [Github](#) > [Live](#)

Full stack clone of Trello, an intuitive Kanban style, task tracking software for collaborators to visually organize and prioritize tasks.

- Built interactive review system with in-line editing through state management.
- Maintained code quality and stability by managing the main branch with Git best practices, including branch protection and pull requests.

WORK EXPERIENCE

Guardian Tree Experts > Ann Arbor, MI

>> *Head of Technology & Administrative Support*

February 2022 – Current

- Tracked and managed employee time records using both SingleOps (business management software) and Quickbooks.
- Maintained company client list, normalizing the data of over 13,000 entries.
- Handled incoming calls from prospective and existing clients, scheduling consultations as well as anything else they may need.
- Functioned as a go-to resource for my colleagues for any technology-related issues.

>> *Plant Health Care Assistant Manager*

March 2020 – February 2022

- Trained and set daily routes for Plant Health Care (PHC) Technicians as needed, on top of regular PHC Technician tasks.
- Managed PHC department (3 technicians) in fall season, overseeing \$180,000 worth of services.

>> *Plant Health Care Technician*

February 2019 – March 2020

- Treated client's trees and shrubs for fungal diseases and insect infestations, among other arboreal health needs.

Cardno >> *Ecological Restoration Technician* > Brighton, MI

February 2017 – January 2019

- Restored and maintained native grasslands and prairies throughout SE Michigan, providing habitat for native pollinators and increasing biodiversity while managing the spread of invasive species through both chemical and cultural means.

Conservation Corps of Minnesota & Iowa >> *Crew Member* > Ames, IA

February 2015 – December 2016

- Assisted various county conservation boards in Iowa, the Iowa Department of Natural Resource, the National Park Service, US Fish and Wildlife Service, and the Bureau of Land Management in various ecological projects, including invasive species control, trail building, and prescribed burns.

PRIME Research >> *Media Analyst* > Ann Arbor, MI

August 2014 – February 2015

- Monitored online and social media coverage of clients and competitors, translated key insights into a structured format, and collaborated with a team to create a comprehensive report highlighting industry trends and opportunities.

EDUCATION

APP ACADEMY >> 1000+ hours Full Stack Web Development

Completed February 2024

UNIVERSITY OF MICHIGAN >> *Bachelor of Science in Environmental Science* >> Ann Arbor, MI

2009 - 2014