Michael Callahan   Software Developer

631-252-0771 | mcalla242@gmail.com | Boulder, CO | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

FinTech professional and software developer specializing in Ruby on Rails, TDD, PostgreSQL, and RESTful API's. Substantiated history of working on cross-functional teams and collaborating with senior leadership / key stakeholders. Flexible teammate and passionate learner, committed to enhancing my knowledge of technology and the quality of my work. Currently focused on learning React/JS, and deepening my understanding of CS principles.

PROJECTS

AI Project Planner (**[GitHub Repo](#)**, **[Deployed App](#)**)
- *Goal:* Leverage AI to produce fully formed project ideas / plans for junior developers.
- *Technologies:* Python, Django, Heroku, Postman, TestCase, Rest API Framework, Postgresql.
- *Achievements:* SOA Architecture to support FE, CI / CD, written in new tech stack, excelled on large team.
- **Award Winning Project at Turing's Demo Comp!**

Zero Waste Kitchen, (**[GitHub Repo](#)**)
- *Goal:* Created, designed & built an app to search for recipes using ingredients you already have, and measure the impact through carbon emissions saved.
- *Technologies:* Ruby on Rails, Render, PostgreSQL, RSpec, Miro, GitHub Projects, Faraday, Google OAuth.
- *Achievements*: Multiple External API's, SOA Architecture, AGILE workflow, Authentication / Authorization.

EXPERIENCE

Onboarding Analyst, *SumUp, Boulder, CO*   12/2021 – 1/2023
- Extracted and interpreted SQL Queries to build Tableau reports for senior management.
- Analyzed ~40 customers' / day, and documented findings to improve churn/retention, margin and buy rates.
- Excelled in a fast-paced Global corporate structure by providing excellent risk management to the company and customers.
- Improved customer churn model through customer onboarding process enhancements and data collection.
- Collaborated cross-functionally across sales, engineering, customer experience, and risk to mitigate to complete projects that enhance the customer experience.

Operations Analyst, *Wealth Advisory Group, New York, NY*   07/2017 – 09/2020
- Directly supported Managing Partners and Directors.
- Managed 500+ hrs/yr of firm training and on-boarding programs—including coordination, attendance, speakers and topics
- Improved monthly reporting process by 50% with Excel functionality.
- Led new advisor onboarding program by training advisors on ERP's, running client models and creating reports

SKILLS

SQL, Tableau, Python, Ruby on Rails, Object Oriented Programming, Test Driven Development, RSpec, ReSTful API's, PostgreSQL, Git, GitHub, VS Code, CRUD, Active Record, JavaScript, Postman, Django, CI, CD, Agile, React

EDUCATION

Turing School of Software and Design, Software Engineering - *Denver, CO*   2023
Bachelors of Science in Business Administration, Finance - *Kutztown University, Kutztown, PA*   2013-2017