

Wade Mitchell Green

New Windsor, Maryland

[linkedin.com/in/thewadegreen/](https://www.linkedin.com/in/thewadegreen/)

www.trialanderror.com

Summary

Full Stack Web Developer & Attorney building new skills in Microservices, Rust, and Data Engineering.

Highly driven professional with a background in education and communication seeking the next opportunity for growth.

Proficiencies

Backend: Flask, Django, SQL

Frontend: React, Bootstrap, HTMX/Alpine

Utilities: Git, Github, Black, Prettier

Experience

Lofty Labs, LLC

04/2022 – 07/2023

Software Engineer

Developed a comprehensive full-stack oil tracking application to efficiently monitor oilfield assets and sales, resulting in improved reporting accuracy and substantial savings in labor costs.

Significantly improved user experience by reducing processing time of data from weeks and months down to minutes and hours by implementing automated layered processing workflows.

Improved code quality and consistency by removing unused code and consistently updating and refactoring tests.

Trial and Error

11/2020 - Present

Freelance Full Stack Developer

Building, deploying, and managing Django applications for small business and non-profit clients.

Providing technology consulting to clients, empowering them with best practices to optimize their web presence.

Facebook

10/2019 - 04/2020

Data Policy Enforcement Manager

Evaluated behavior of ~150 Service Providers to identify violations of Platform Policies.

Collaborated with Technical and Partnership teams to determine Scope of Violations and Enforcement.

Data Science for All

10/2021 - 04/2022

Data Engineer

Worked on a team to develop custom data pipeline for gathering data from 6 separate sources to compile and clean dataset with 2.9 million rows of data using Python and SQL.

Selected from Top 2% from pool of 30,000 applicants, selected in the top 5% of projects, and awarded a Community Spotlight award for contributions.

Education

University of California, Davis, School of Law

Juris Doctor, May 2018

University of California, Santa Barbara

B.A, Spanish Literature, June 2013

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Dear [COMPANY_NAME] team,

Back in my second year of college, I picked up a game that my roommate recommended. It had currently just gone into open beta and was very popular among him and his friends. I started playing with him, but quickly found friends and online servers, and over time my friends and family came to try the game as well. That game was [GAME_MADE_BY_COMPANY], and over the past decade I have enjoyed countless experiences and positive interactions with other people. After college, when I was teaching, talking about the game with my students gave me a fun and unique way to connect with them. Now that I am a software engineer, I am eager to contribute to creating positive experiences for the new generations of gamers who are currently making friends and memories with others in [GAME_MADE_BY_COMPANY]. Between my appreciation of the positive interactions that [GAME_MADE_BY_COMPANY] promotes, my experience building efficient and reliable applications, and my drive to develop maintainable code and share knowledge with my teammates, I would make a strong contribution to the continued success of the [COMPANY_NAME] team.

In my experience as a full stack developer, I have helped build and maintain a variety of applications for solving business problems, and the skills I have developed from delivering quality experiences to clients will help me to deliver positive user experiences during interactions with their own account or other players. In my work at Lofty, I built service layers for complex calculations and data processing in order to separate business logic from database structure, which also allowed for fewer database queries and a significant increase in query efficiency. On my most recent project, I led efforts to refactor React components with proper Typescript types for compile-time safety, as well as safe data parsing and validating with Zod for runtime type safety. Combined with the type checking on the backend from GraphQL and validation through Django, I helped promote end-to-end type safety for data at rest in transit across the entire server. All of these experiences have reinforced my knowledge of quality coding practices and challenged me to learn new languages and frameworks, which helps me to be a more well-rounded contributor and a passionate student of new concepts.

I strongly value collaboration and communication across the workplace. I actively contributed to code review by providing detailed feedback for improvement suggestions and recognition for accomplishments. I always reviewed as many pull requests from other teams as I could in order to learn from other team members and promote consistency across projects for common challenges, including security vulnerabilities, performance improvements, and dependency bottlenecks. In product and design meetings, I anticipated possible development challenges and documented any discussion or feedback received that may help unblock development in the future.

Between my communication experience, my technical knowledge, and my passion for creating inclusive and enjoyable experiences online through play, I believe I would make a significant contribution to the [COMPANY_NAME] team.

Best,

Wade