

# Wade Mitchell Green

New Windsor, Maryland

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

[www.trialanderror.com](http://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 literature 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.

Reduced 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, increase productivity, and protect themselves.

### 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,

Proven success in building modern and secure full stack APIs. A passion for documentation, testing, and refactoring. Experience with deployments, security, and best practices in modern web development. These three aspects are what make me a valuable resource for the [COMPANY NAME] team. My name is Wade Green and I am writing to apply for the Software Engineer II role. With my knowledge and expertise, I am confident that I will make a strong contribution to the [COMPANY NAME] team.

From my software development experience, I have gained skills in developing both frontends and backends of modern web applications. I have researched and employed established Javascript libraries to build reusable frontend components that handled type-safe background queries to the database, preventing common bugs at both compile time and run time. I have also built service layers on top of a Django backend to structure complex calculations and data processing while also separating business logic from database implementation details, all while refactoring endpoints to minimize database queries and improve efficiency. In order to secure our applications, I initiated development of JWT authorization wrapper to protect sensitive endpoints and enable the frontend to seamlessly handle session refreshing as a background task.

I have also developed valuable skills around testing, documentation, and communication that magnify the impact of my work and improve the development experience for the engineering team. When working through a particularly difficult numeric aggregation challenge at Lofty, I designed and created diagrams to show the structure of the data operations, but also built extensive fixtures and tests to ensure accuracy. When our team transitioned half of the development team, I helped manage ambiguity by gathering knowledge from the outbound developer and documenting important concepts and specifics in our company knowledge base for future developers working on the project. In my work at Facebook, I developed my technical communication skills by regularly meeting with enforcement teams to learn more about the identified activity which enabled me to effectively advise third party businesses on specifics around prohibited activities and our expectations for interaction with the platform.

Between my technical experience and my communication skills, I believe I would be a valuable addition to the [COMPANY NAME] team. I have attached my resume which includes a link to my LinkedIn, which lists my complete work history. Feel free to reach out if you have any further questions, and I hope to speak with you further about my background and the skills that I can offer the [COMPANY NAME] team.

Best,

Wade