

DREW LAYTON

Full-Stack Software Developer

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SKILLS

- | | | | |
|--------------|---------------|--------------|-----------|
| ● Ruby | ● Python | ● JavaScript | ● Postman |
| ● Rails | ● Django | ● TypeScript | ● CI/CD |
| ● Java | ● Test-Driven | ● Angular | ● Git |
| ● Spring | Development | ● HTML5 | ● GitHub |
| ● PostgreSQL | ● pgAdmin | ● CSS3 | ● Heroku |

SOFTWARE PROJECTS

Love Fern, Group Project | 100 hours | [Link](#) | [GitHub](#)

- Selected to participate in Turing's prestigious Demo Competition.
- Worked on both ends of a full-stack team to build a web application allowing users to track relationships in their lives using Google's Sentiment Analysis API.
- Implemented Google OAuth2 for one-click user authentication and a service-oriented architecture with API calls to communicate between front-end and back-end.
- Assumed a project management role at the outset to guide team brainstorming, design database schema, and create user stories for a streamlined and organized group workflow.

Tech Stack: Ruby, Rails, APIs, HTML, CSS, Bootstrap, Heroku, CI/CD

Twitter API, Group Project | 60 hours | [GitHub](#)

- Collaborated with a team to develop a backend REST API in Java and Spring with dozens of endpoints for CRUD operations accompanying a Twitter-style website.
- Built relational database in PostgreSQL and set up project framework following onion architecture to create entities, JPA repositories, services, and controllers.
- Implemented many CRUD operations, including fetching context for a tweet, aggregating a user's feed and mentions from other users, and authenticating login credentials.
- Debugged using a large test suite in Postman to verify endpoint functionality, validate incoming requests, and implement error handling across the project.

Tech Stack: Java, SpringBoot, JPA, Maven, PostgreSQL, Postman

Who's Who, Group Project | 60 hours | [Link](#) | [GitHub](#)

- Partnered with another FastTrack developer to create a musical guessing game in TypeScript and Angular where the user guesses a song's title or artist from a 5-second soundbite.
- Cooperated in designing website aesthetics using HTML, CSS, and reusable Angular components to ensure a consistent and engaging user experience.
- Developed the website's landing and settings page, allowing the user to choose a game mode and genre, then storing those states in a service for use across the application.
- Implemented a leaderboard page to track high scores over time and nested this logic within a leaderboard component and service for additional use on the landing page.

Tech Stack: TypeScript, Angular, HTML5, CSS3, Firefox DevTools

PROFESSIONAL EXPERIENCE

Cook Systems FastTrack, Remote

11/2023 – 01/2024

Student, Full-Stack Engineer

- Concentrated full-stack training program in Java/Spring and JavaScript/Angular.
- Developed numerous back-end, front-end, and full-stack programs, emphasizing the use of industry best practices to implement real-world solutions.
- Worked on teams of varying size to efficiently meet detailed business requirements.

Turing School of Software & Design, Denver, CO

10/2022 – 04/2023

Student, Backend Engineer

- ACCET Accredited Backend Software Engineering Certificate.
- Developed numerous back-end and full-stack programs with a focus on database operations, API services, and test-driven development.
- Collaborated with several large-scale teams using Agile development and GitHub.

Professional Poker Player, Denver, CO

01/2006 – 10/2022

- Established a successful online poker career over 16 years, boasting one of the highest winrates and logging more than 5 million hands.
- Played up to 24 tables at once by writing a wide variety of AutoHotkey scripts.
- Became proficient in exploitative play by modeling opponent tendencies through detailed statistical analysis using PostgreSQL databases and SQL queries.
- Mastered fundamentals of game-theoretic optimal (GTO) play with the study of game theory, probability, and the mathematics of poker.
- Developed expertise in GTO play by running large game theoretic simulations on cloud servers to approximate local Nash equilibria throughout the game tree.
- Solidified conceptual understanding of poker theory for self and students by recording and producing instructional videos for one of the largest poker training sites.

EDUCATION

University of Houston – Houston, TX

01/10 – 12/10

Bachelor of Science: Psychology

University of Texas – Austin, TX

08/03 – 01/06

Physics