

# Brooks “Aubrey” Feldker

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## EDUCATION

**B.S. Computer Science, Magna Cum Laude, The University of Texas at Dallas** **May 2023**

**M.S. Computer Science, The University of Texas at Dallas (3.91/4.0 GPA)** **Dec 2024**

- Coursework: Database Systems, Web Programming, Algorithms, Multimedia Systems, Big Data Management, Operating Systems, Computer Architecture

## EMPLOYMENT

**Delivery Driver, Tiff’s Treats, Part Time** **Aug 2021 – Present**

## PROJECTS

**Discord Server Bot (Javascript)** **May 2020 – Present**

- Interactive Node.js application made to connect to the Discord platform REST API for moderation, user customization, and on-platform games; no-SQL key-value storage
- Utilized on a Discord Partner server, managing over 36k users
- Client produced through Discord interaction components
- Webscraping information from howlongtobeat.com to easily access its information, locally cached to reduce HTTP requests up to 20x while getting around API endpoint shuffling

**Image Sharing Platform (Javascript)** **Oct – Dec 2024**

- Full-stack social platform built on the MERN (MongoDB, Express, React, Node) for image hosting and sharing for Web Development class
- Single page React client with encrypted user login features
- Project features built off user stories to emulate real production environment

**Fine-Tuned ChatGPT Chatbot (Python)** **Jan – May 2023**

- Project leader for Senior Design Project involving using webscraping to gather data, creating embedded documents, and using them to fine-tune the GPT-3 model
- Managed weekly meetings to ensure accountability in completing milestones

## SKILLS

- Languages: Python, Java, C++, Javascript, HTML, CSS, SQL, PySpark
- Data Structures, Computer Networking, Machine Learning, Git, UML, Electron
- Microsoft Excel, Strong Communication Skills, Fast Learner

## WEBSITES

- LinkedIn: <https://www.linkedin.com/in/brooks-feldker-0199911b1/>
- GitHub: <https://github.com/AubreyFeldker>