

ETHAN JOBE

908 Greek Row Dr, Arlington TX, 76013

📞 817-939-1484 ✉ ejobe98@gmail.com [in linkedin.com/in/ethan-jobe](https://www.linkedin.com/in/ethan-jobe) github.com/EjobeTea [EthanJobe.com](https://ethanjobe.com)

Education

University of Texas at Arlington

Bachelor of Science in Computer Science

Anticipated May 12, 2023

Arlington, TX

Technical Skills

Experienced Languages: Java, C

Familiar Languages: Python, SQL, JavaScript, MATLAB

Tools/Frameworks: Git, Android Studio, Selenium, Jira, GCC/GBD, Wireshark, ROS, Valgrind, Swing

Databases: SQLite, MongoDB

Operating Systems: Windows, Linux

Experience

Robotics Research Internship | *ROS, Python, LaTeX, Git*

Summer 2022

- Utilized Robotics Operating System, or ROS, and applied Python programming to demonstrate the iRobot Create 2.
- Worked in weekly sprints and attended online weekly meetings.

Projects

Natural Disaster Tracker App | *Java, Android Studio, Git*

github.com/EjobeTea/Disasteye

- Android application that visualizes real time disasters by utilizing Google Maps and a RESTful API from NASA.
- Developed GUI, distributed coordinate data from JSON to map markers, and administered teammates.
- Worked in a team based agile development cycle and drafted documentation for the application.

Shift Notifier | *Python, Selenium, MongoDB*

github.com/EjobeTea/ShiftNotifier

- Solved a real world problem for a client in need of a more efficient shift searching process.
- Developed a web scraping tool with Python, utilizing MongoDB for data storage, Selenium for automation and HTML parsing, and the Slack API for notifications.
- Program notifies the user about 12 times per week and increased successful shift pickup rate by 30%.

FAT32 File System | *C, GCC, GBD*

github.com/EjobeTea/FAT32-File-System

- Implemented a user space shell that interprets a FAT32 file system image based on given commands by the user.
- Constructed the system by analyzing Microsoft's FAT32 file specifications and design patterns.

Custom Order GUI | *Java, Swing, Git*

github.com/EjobeTea/JADE

- Java Swing application that allows users to create and save custom orders for donuts and coffee.
- Developed in documented weekly sprints with an emphasis on Object Oriented Programming fundamentals.