ETHAN F. GORDON

Lubbock, Tx 79401 • ethangordon25@gmail.com • 832-633-4253

My LinkedIn   My GitHub

EDUCATION

Texas Tech University, Lubbock, Texas   August 2019 - May 2023
Major B.S. Computer Science, Minors in Mathematics   **GPA: 3.74**
Relevant Coursework: Data Structures, Concepts of Database Design, Design/Analysis of Algorithms, OOP

EXPERIENCE

Bryan Research and Engineering, College Station, Texas
Software Engineer   June 2023 – Current

- o Conversion of customer tools from VBA to C# improving code performance and maintainability
- o Modification of user interface elements in ProMax software for a better user experience
- o Collaboration within development team for efficient communication and version control (TFS)
- o Redesigning critical software feature to enable programmatic access, facilitating workflow automation and use externally

AccountingWare, Lubbock, Texas
Automation Developer   August 2022 - May 2023

- o Developed bot with JavaScript to auto-generate bank statements within ActivityHD software
- o Used various REST API's to read from a pdf and populate fields in ActivityHD with user data for employment automation
- o Debugged and improved upon several internal bots

EZ-Trust, Seoul, South Korea (School Sponsored Abroad)
Software Developer Intern   Summer of 2022

- o Developed Statistic Dashboard for admin page from user data for analysis
- o Collaborated within Development team for efficient communication/version control
- o Deployed frontend and backend application of admin dashboard with AWS(EC2)
- o Created monitor application with Python and Zapier to monitor status of backend API and alert downtime

PROJECTS

Portfolio Site

- o Uses React.js and CSS to create a responsive front-end display of various projects and factoids about me
- o Deployed onto Netlify

YouTube Room Player

- o YouTube room player Application to allow friends to join a room and watch videos together in real time using React.js, Node.js, Socket.io.
- o Integration with Google API via OAUTH2.0 to retrieve/play YouTube videos via searching titles/keywords
- o Deployed onto Netlify and AWS EC2 instance along with an SSL certificate from "Let's Encrypt"

SKILLS

- o Frontend: React, HTML5, CSS, Material UI library
- o Backend: Django framework, Node.js, mySQL
- o Languages: C++, C, Python, Java, Javascript
- o Other: Git version control, OOP design knowledge, Dynamic Programming, basic architecture patterns, AWS