

RYAN GRIEB

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SUMMARY

A computer science graduate with experience in IT support, network configuration, and software implementation across business applications and websites. Strong communicator and problem-solver, adding value to technical and development teams.

EXPERIENCE

IT Technician

June 2021 – Present

Texas Techs

Corpus Christi, TX

- Set up and configured routers and switches for small business and residential networks, including troubleshooting network issues and configuring Wi-Fi extenders/meshes for optimal coverage
- Installed and configured IP camera security systems, including Network Video Recorders (NVRs) and monitoring software for secure data storage and remote access
- Mounted TVs, installed speakers and security cameras, programmed universal remotes, and provided hands-on setup support for optimal user experience

Insurance Company Developer Intern

June 2022 – August 2022

Peer Review Holdings

Allentown, PA

- Developed a Python web scraper, enabling the company to compile an extensive medical database comprising 500K+ doctors
- Parse and sort JSON data collected into a Azure SQL database and Excel spreadsheet copy
- Coordinated remotely with my manager to integrate feedback and implement updates

PROJECTS

Underwater Sampling Submarine | *Python, ArduPilot, MAVLink* August 2024 – December 2024

- Collaborated on a project to develop a underwater drone (UUV) to collect soil core samples for the university's biology department
- Developed Python scripts to control the core sampler motor via. MavLink on the Pixhawk, along with other diagnostic monitoring information
- Assisted with hardware assembly, including the integration of ESC modules, the Raspberry Pi, and additional components to support underwater operations

PDF2Flashcards | *Python, Flask, Quart, Docker, Jinja2* September 2023 – January 2024

- Created a containerized full-stack website to convert PDF/PPTX files to flashcards or exams
- Developed the back-end infrastructure using Quart over Flask, allowing the implementation of asynchronous Python code
- Utilized Unstructured-io and Chat-GPT APIs to read PDFs and generate new flashcard/exam data

SKILLS

Software: ArduPilot, Azure SQL, BlueOS, C/C++, Docker, Git, HTML/CSS, Java, JavaScript, Jinja, MAVLink, Python, TypeScript, web-scraping

Hardware: Component diagnostics, IP camera and NVR setup, mesh network configuration, OS installation, routers and switches setup, workstation assembly

Audiovisual: IP Camera & speaker installation, TV mounting, universal remote programming

EDUCATION

Texas A&M

Bachelor of Computer Science - 3.76 Major GPA | 3.5 General GPA

Corpus Christi, TX

Aug. 2020 – Dec. 2024