Jackson Boyett

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EDUCATION

Auburn University   **May, 2020**
BS in Mechanical Engineering   *Auburn, Alabama*
- Summa Cum Laude, 3.8/4.0 GPA

WORK EXPERIENCE

Moth+Flame VR   **Jan. 2024 – Present**
Software Development Intern   *Remote*
- Utilizes React, Typescript, GraphQL, and Node as a member of the cloud engineering team to improve and maintain the web application that manages VR training modules
- Developed and maintains an Electron desktop application to solve the critical problem for the company to transfer information from VR devices to cloud services without connecting the devices to internet

United States Army   **Dec. 2022 – Present**
Assistant S3 Operations Officer   *Baumholder, Germany*
- Provided oversight, guidance, and verification on planning and operations for 5-7 Air Defense Artillery Battalion
- Responsible for training and mission readiness for the Battalion Headquarters, four Patriot Batteries, and one Maintenance Company comprising of 570 Soldiers and their families
- Responsible for daily operations and battle tracking, operational planning, integration for air defense systems, and resource allocation for training and wartime missions

                                                                                                    Mar. 2022 – Dec. 2022
Patriot Tactical Control Officer and Fire Control Platoon Leader   *Rzeszow, Poland*
- Responsible for leading a Patriot air defense site for the #1 critical asset in the European Theater
- Supervised the accountability, maintenance, and readiness of over $600 million worth of Patriot Fire Control equipment

                                                                                                      Jul. 2020 - Mar. 2022
Patriot Launcher Platoon Leader   *Baumholder, Germany*
- Supervised the accountability, maintenance, and readiness of over $50 million worth of Patriot Launchers

PROJECTS

Moth+Flame Data Transfer Tool - *Creator*   **Deployed April, 2024**
- Full-stack Electron application to enable secure data transfer from VR headsets to cloud services without having to connect the headsets to internet
- Stack: Electron, React, Typescript, Node.js, GraphQL, Tailwind
- Features: User authentication/verification, Apollo Client, USB-drive file transfer and handling

ExitMap - *Co-Creator*   **Deployed May, 2023**
www.exit-map.com
- Full-stack web application that enables BASE jumpers to input and view jumps from around the world
- Stack: React, Typescript, Node.js/Express, PostgreSQL, Redis, Amazon S3
- Features: User authentication/verification, session management, Google Maps API, Nodemailer API, AWS SDK, user image upload/optimization, RDBMS

CERTIFICATIONS, SKILLS & INTERESTS

- **Skills:** Full-stack web development. Knowledgeable in Typescript, React, Node.js, Express, SQL, GraphQL, AWS, HTML, CSS, Tailwind
- **Interests:** Web development; Skydiving; Base Jumping; Backpacking; Scuba Diving; Cooking