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BRYAN HOOKER

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EMPLOYMENT

Software Engineer **Booz Allen Hamilton** **Jan 2023 - Present**

- Completed the C3.AI Software Developer Track for full stack development on the C3 platform
- Leveraged knowledge in Front End Development, Back End Development

Software Engineer **Lockheed Martin** **2022 - 2023**

- Developed software in Python for missile flight program
- Created new test scripts to improve verification and validation of missile configurations
- Improved efficiency by automating software functionality which required user interaction
- Sought out additional responsibilities by taking ownership of a system component and becoming the team's point of contact
- Collaborated effectively with System and Test Engineers by providing software support during formal testing
- Utilized Git extensively for effective version control practices
- Thrived in a fast-paced Agile software development environment
- Leveraged knowledge in Python, VS Code, Git, Agile, JIRA, QT Framework for GUI Applications, Messaging

Software Engineer **SAIC** **2019-2022**

- Developed software in C++ for onboard flight program
- Led the development of software tests and implementation for a major feature, culminating in a successful Formal Qualification Test (FQT) for customer
- Represented team as a feature lead in meetings with customer and project leadership
- Participated in software requirement design and analysis in coordination with Chief Engineer and Systems Engineering teams
- Spearheaded training of new engineers by teaching them how to use software tools and load flight program
- Leveraged knowledge in C++, Visual Studio, Linux, Version Control, JIRA, Variable Message Format (VMF)

EDUCATION

Athens, GA **University of Georgia** **2016 – 2019**

- Bachelor's Degree - Computer Science, July 2019

Tuscaloosa, AL **University of Alabama** **2008 – 2015**

- Master's Degree - Political Science, May 2015
- Bachelor's Degree - Political Science, May 2012

SOFTWARE PROJECTS

- **AI Chatbot**
 - Built a full stack AI chatbot web application while learning the MERN tech stack
 - Inspired by ChatGPT, the app features modern design with React and integration with OpenAI APIs
 - Utilized: HTML, CSS, JavaScript, TypeScript, React, MongoDB, Express, Node.js, Git, VS Code

SKILLS

- **Programming Languages**: Python, C++, Java, HTML, CSS, JavaScript, TypeScript
- **Technologies and Frameworks**: React, Agile, Git, JIRA, VS Code, Visual Studio, Linux
- **Credentials**: Active Top Secret clearance
- **Other**: Leadership, excellent written and verbal communication