**Alexander Stensland**

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**Summary of Qualifications**

Alexander has over two years of experience in a diverse range of product development, systems engineering, and data modeling practices; including software development, data analysis, and communications. He has worked with both small- and large-scale public sector clients focused on delivering technology and process improvement solutions. He is recognized for his skills in leading and managing effective teams, delivering pragmatic business solutions, building relationships with executive stakeholders, and managing complex transformational projects in a high-stakes and fast-paced environment.

**Experience**

**Booz Allen Hamilton** – *Software Engineer / Analyst*; Chicago IL  *August 2022 – Present*

* Strategically designed, executed, and oversaw comprehensive end-to-end development of complex mechatronic systems. Yielding enhancements in efficiency, cost-effectiveness, and fidelity by **41%** annually.
* Leveraged cutting-edge software solutions to deliver **multi-million-dollar** system models for analysis.
* Managed the software development life cycle of each hybrid system, using Agile methodology, ensuring active participation from **10** senior systems engineering experts across the nation.
* Optimized project outcomes by simplifying test processes, reducing run time by **22%**, and impacting **250+** stakeholders.
* Crafted a comprehensive V&V strategy to ensure compliance with requirements, playing a pivotal role in facilitating the adoption of new business initiatives by a team of **25** professionals.
* Utilized expertise in data analytics and MBSE principles to drive impactful decision-making, unlocking **$150,000+** of new revenue streams.

**Scientific Research Corporation** – *Junior Systems Engineer*; Charleston SC *November 2021 – May 2022*

* Constructed model-based representations using data architectures and data models to facilitate interoperability to improve business efficiency and performance by **15%** annually.
* Collaborated with cross-functional teams to enhance the influence of technical initiatives on project deliverables.

**The Citadel, The Military College of South Carolina** – *Executive Officer*;Charleston SC *August* *2021 – May 2022*

* Spearheaded a team of seven officers to work with school administration to maintain and uphold academic, physical, moral, and disciplinary standards for **115+** cadets in a senior military college environment.
* Modernized systems for planning, coordinating, and executing the logistical and administrative support necessary for ensuring **100%** of all company level missions are properly resourced, synchronized, and managed.

**Skills**

**Languages / Development Tools:** C++, C#, C, Git, Python, HTML, CSS, JavaScript, Visual Studio, and CMake

**System Modeling Software / Products:** AFSIM, MATLAB, Cameo, GitLab, Jenkins, Jira, Linux, and MS Office Suite

**Education**

**The Citadel, The Military College of South Carolina**, Charleston SC *2022*

*Bachelor of Science:* ***Physics***

Honors: *Magna Cum Laude*

**California Institute of Technology**, Pasadena CA *2020*

*Model-Based Systems Engineering Certificate of Completion*