

Brad Kraemer Jr.

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EXECUTIVE SUMMARY

Software Engineer with **5+ years of professional experience** as a software developer of embedded systems and cybersecurity. Extensive proficiency in **Unity** through long-term hobbyist exploration and hands-on projects, showcasing a strong foundation in game development and a passion for continuous learning in the field.

WORK EXPERIENCE

Performance Software Co.
Project Engineer / Software Engineer

July 2019 – Present
Metairie, LA

- Created multiple applications using **C++** for managing and interacting with other applications including over **70 cross-board messages** for an on-aircraft hardware using **Docker** as part of a large team spanning multiple time-zones.
- Gained full-project life-cycle experience and knowledge developing for DO-178B certification for software that runs on **223 A220 Aircraft** and over **300 A320 Aircraft**.
- Designed project planning documents, development workflows and worked testing verification using a custom tool during project completion for the safety critical systems on the **Blue Origin New Shepard Rocket**.
- Received multiple awards for: managing difficult clients, excellent system communication, hosting events, and the **Performance Software Big Splash award for 2023**.

GAME DEVELOPMENT EXPERIENCE

- Hosted, managed, and competed in the Performance Game Jam with “Ishing” as a solo developer.
- Client Engineer for a team of two where we competed in the Mini Jam 106: Frogs with “Dungeon Dice Frogs”.
- Solo developer in the 2021 IndieTales Game Jam with “One Room Dungeon”.

EDUCATION

University of Louisiana at Lafayette
Bachelor of Science in Computer Science with concentration in Game Design

May 2019
Lafayette, LA

SKILLS, LANGUAGES, AND TECHNOLOGIES

Skills:

Problem Solving, Data Structures, Algorithms, Multithreaded and Multi-core software experience, Develop New Features, Performance Analysis, Optimize Systems, Maintain Existing Systems, Diagnose Failures

Languages:

C++, C#, C, Java, Python, Ruby, HTML, SQL, Javascript, PHP

Technology:

Github, Microsoft Word, Microsoft Powerpoint, Microsoft Excel, Unity, Godot, Unreal, Docker, Aseprite