

Justin Soberano-Borbonio

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EDUCATION

Iowa State University
Bachelor's of Science in *Software Engineering*

Dec. 2025

EXPERIENCE

Meta
Incoming Software Engineering Intern

Menlo Park, California
May. 2024 — Aug. 2024

NASA - National Aeronautics and Space Administration
Software Engineering Intern

Houston, Texas
Jun. 2023 — Aug. 2023

- I am under an NDA and cannot disclose this information on my resume in public. Please contact me to learn more on what I did. **I can only provide a resume with all details included for job applications.**

- **achieving a 60% improvement**
- **100% satisfaction rate**
- **directly contributing to the project's timely execution and success.**

NASA - National Aeronautics and Space Administration
Software Engineering Intern

Houston, Texas
Aug. 2022 — Dec. 2022

- Specialized in C and C++ to develop, test, and optimize software for digital twin habitats, **achieving improvements in system performance and reliability** through code optimization and thorough debugging.
- Collaborated closely with engineers and scientists to integrate real-time sensory data into habitat simulations, **improving the predictive capabilities of the digital twins by 40%.**
- Implemented logging and performance monitoring systems in the digital twin software, providing critical insights that **led to a 20% overall performance increase and a 35% reduction in downtime.**
- Cultivated a deep understanding of C/C++ memory management through dedicated self-study and practical application, **resulting in a 40% reduction in memory usage across the digital twin software.**

INVOLVEMENT

Iowa State University, Software Engineering Program
Peer Mentor for Software Engineering Students

Ames, Iowa
Aug. 2023 — Present

- Propelled the academic and professional growth of first-year software engineering students** by providing guidance, resources, and support in understanding fundamental concepts and adapting to college.
- Organized and led interactive workshops and study sessions**, fostering a collaborative learning atmosphere, and contributed to the development of a supportive community among peers in the program.

Iowa State University, Department of Computer Science
Undergraduate Teaching Assistant

Ames, Iowa
Jan. 2023 — May 2023

- Demonstrated comprehensive understanding of **Java programming fundamentals and advanced concepts** while assisting students in debugging, code optimization, and development.
- Facilitated weekly lab sessions, **conducted one-on-one consultations and provided constructive feedback**, fostering an environment conducive to student learning.

PROJECTS

My Personal Website: justinsoberano.com

- Inspired by the arcades of the 1980s, I **developed and designed a responsive website from the ground up** using React, ThreeJS, and React Spring with the aim of showcasing achievements and the reach of my abilities.

TECHNOLOGIES & SKILLS

Languages and Frameworks: C C++ Java Javascript Python SQL HTML/CSS React NodeJS
Tools: Git VSCode JetBrains Suite Android Studio Spring Boot