CHRISTIAN TORRES

Software Engineer | Agile Development | Embedded Systems

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SUMMARY

Motivated software engineer with a strong foundation in coding, testing, and software development. Passionate about contributing to Agile teams and developing scalable, innovative solutions to tackle complex challenges. Career aspiration includes contributing to impactful projects in defense technology and advancing skills in embedded systems and software testing.

EXPERIENCE

Software Engineering Intern

Lockheed Martin

📅 05/2023 - 08/2023 📍 Fort Worth, TX

- Developed automated test scripts for embedded systems, reducing testing time by 35% and improving reliability.
- Collaborated with cross-functional teams to debug and optimize existing software, resulting in a 20% performance boost.
- Designed and implemented a tool for monitoring system performance, enhancing data accuracy by 15%.
- Participated in Agile ceremonies, contributing to sprint planning and backlog refinement for two major projects.
- Wrote technical documentation for software features, streamlining onboarding for future interns and team members.
- Created and maintained unit tests, achieving 95% code coverage across critical components of the project.

Software Development Intern

Raytheon Technologies

📅 01/2023 - 04/2023 📍 Dallas, TX

- Contributed to the development of a user interface for mission-critical software, increasing usability by 30%.
- Enhanced the functionality of existing tools by integrating new APIs, resulting in improved data retrieval speed by 40%.
- Assisted in testing and debugging a secure communication protocol, ensuring compliance with industry standards.
- Conducted peer code reviews to maintain quality and consistency, reducing errors in production by 15%.
- Supported the deployment of a software update across 10 systems, ensuring a smooth transition with zero downtime.

VOLUNTEERING

STEM Workshop Facilitator

San Antonio Youth Code Jam

📅 09/2022 - 12/2022

Mentored middle school students in Python programming and basic robotics to inspire interest in technology careers.

- Planned and conducted 5 workshops with over 100 participants.
- Introduced real-world applications of programming, increasing engagement by 20% among attendees.

EDUCATION

Bachelor of Science in Software Engineering

University of Texas at San Antonio

📅 01/2019 - 01/2023 📍 San Antonio, TX

KEY ACHIEVEMENTS

⭐ **Optimized Testing Framework**

Developed a testing framework during an internship, reducing overall testing time by 35%.

✔️ **Enhanced Data Retrieval Performance**

Improved data retrieval speed by 40% through API integration in a key software project.

💡 **Increased Code Coverage**

Achieved 95% code coverage for unit tests in a critical software component within a tight deadline.

🧠 **Improved UI Usability**

Redesigned UI elements for mission-critical software, enhancing usability metrics by 30%.

SKILLS

Java   Python   Agile Development

Embedded Systems

Eggplant Test Automation

Software Testing

CERTIFICATION

Eggplant Functional Test Automation

Completed through Keysight Technologies to master GUI-based automation testing techniques.

Advanced Embedded Systems

Provided by Coursera to gain deep understanding of low-level programming and embedded systems.

PASSIONS

🪄 **Defense Technology**

Fascinated by innovation in defense systems and the opportunity to contribute to national security.

🏅 **Coding Challenges**

Enjoy solving complex problems through coding and participating in hackathons.

🚩 **Mentorship**

Dedicated to helping others grow by sharing knowledge and experience in programming.