Cornel Stoica – Software Engineer

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Profile

Highly motivated Software Engineer with over 2 years of experience in developing and debugging robust engineering tools and software solutions. Proven track record in agile methodologies, firmware improvements, and cross-functional team collaboration. Seeking to leverage my skills and experience in a challenging role at a forward-thinking organization.

Experience

COMPUTER SCIENCE INTERN | SIEMENS EDA | JUNE 2023 – DECEMBER 2023

- Built a robust and scalable engineering tool integrated into the GitLab pipeline, usable across business.
- Debugged, reviewed, and resolved bugs in production code, improving overall system stability.
- Adopted agile methodologies and provided recommendations for continuous improvement.

COMPUTER SCIENCE INTERN | BIAMP SYSTEMS | JUNE 2022 – DECEMBER 2022

- Improved firmware codebase via bug fixes, code deprecation, and code modernization, reducing overall code size by 15% and speeding up compilation time by 20%.
- Upgraded internal Python-based engineering tool to work on newer release versions and across multiple OSs, enhancing productivity.
- Worked with bootloaders on embedded devices, contributing to enhanced device functionality.

TEST TECHNICIAN | NOVUS LABS | AUGUST 2021 – JANUARY 2022

- Tested and troubleshot electronic consumer devices, ensuring proper functionality.
- Communicated with cross-functional teams to provide improvements and suggestions.

Education

Bachelor of Science in Software Engineering
Oregon Institute of Technology, Wilsonville, OR | 2019 – 2025 | GPA: 3.93

Portland Community College, Portland, OR | 2016 – 2019 | GPA: 4.0

Projects

Junior Project – NotiFi – A custom financial price notification mobile app. Azure DevOps Link
Senior Project – Word Mine – A fun and addicting Wordle-inspired mobile game. Azure DevOps Link
Portfolio – PENDING

Skills

Programming Languages: JavaScript, HTML/CSS, C/C++, Python, Dart
Tools: Amazon AWS S3, CloudFront CDN, Gitlab, GitHub, Azure DevOps, Flutter, Jira, Docker, Unix/Linux, Express.js, Node.js, React.js, SQL, MongoDB, AI Tools for code improvement
Methodologies: Scrum, Agile, CI/CD