Rodney **Dejournett**

PRODUCT DEVELOPMENT ENGINEER
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Summary

Product Dev Engineer at Intel, a global leader in semiconductor innovation. Contributing cross-functionally on software, hardware validation, and data analytics. Growing in a high-impact, high-stake environment— delivering on efficient, readiness-quality, and supporting solutions that improve time-to-market, data insights, and measurable savings for the company.

Love learning new tech, leveling up my skills, and facing challenges. I'm a curious programmer who mostly uses Python and value its flexibility and power. I'm open to new opportunities where I can develop, build, and be a part of innovation and global impact.

Experience

Intel Corporation– Atlanta, GA

Product Development Engineer *Aug 2022*-Present

- Engaged in scan flow implementation for DFT, validating and debugging scan chain logic.
- Utilize large-scale data visualization tools to identify inefficiencies and validate output in manufacturing yield.
- Established baseline use of data tool to find and remove redundant patterns to reduce test time
- Leveraged python and LLM models to prompt and simplify repetitive tasks.
- Integrated validated test program into main branch using Git workflows

NC A&T CyberSecurity Research– Greensboro,NC

NSA Project - Research Assistant *May 2021*-Jan 2023

- Conducted research on periocular biometrics-based authentication for a NSA-funded project, focusing on deep learning and facial recognition techniques.
- Learned and applied machine learning concepts, like CNN and VGG models, to analyze facial regions masked by obstructions.
- Developed a python program that takes a large image dataset and extracts the periocular regions into a new dataset to be used for model training and performance evaluation.
- Collaborated with grad student to produce publishable results and co-authored a peer-reviewed paper accepted by the 35th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2022)
- Demonstrated strong independent research skills, consistent weekly progress on machine-learning, and well-structured documentation

Collins Aerospace– Winston-Salem,NC

Assembler *May 2019*-Aug 2020

- Assembled first-class aircraft seats from blueprints, ensuring quality and FAA compliance.
- Bridged hands-on hardware experience with growing interest in software and tech systems..
- Shadowed IT team to learn internal systems, troubleshooting, and workflows.

Freelancer–

Web Developer, Tutor, Business Consulting *Feb 2018*-Present

- Designed and maintained websites for small businesses and entrepreneurs .
- Provide tutoring in computer science, math, economics and english courses.
- Offer business services for creation, strategic planning, and financial management.

Education

B.S. Computer Science, Summa Cum Laude– 3.82 GPA

North Carolina Agricultural & Technical State University ***Aug 2020*-May 2022**

Mars Hill University ***Aug 2018*-May 2020**

- Got a Leadership and Athletic Scholarship
- Maintained Dean's-Challencor List throughout undergrad.
- Awarded CyberCorps: Scholarship for Service

Relevant Coursework

- Database Systems
- Networking
- Operating System
- Algorithms and Data Structures
- Web Design II
- Machine Learning & Artificial Intelligence
- Information Security