

Taylor Templeton

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SUMMARY

Engineer with semiconductor fabrication background (process, integration, quality) working to transition into verification engineering.

EXPERIENCE

Qorvo, Inc., Greensboro, NC

Customer Quality Engineer, Advanced Cellular Group

March 2021 – August 2022

- Served as quality contact for multinational manufacturers purchasing Qorvo RF front end modules
- Owned formal customer interaction, including audits, quarterly reviews and quality issue discussions
- Lead cross-functional 8D team investigations to resolve customer-reported quality issues
- Mined and analyzed data to drive problem solving efforts

Wolfspeed (formerly Cree), Durham, NC

RF Product Engineer II

May 2019 – March 2021

- RF Development Team participant, tasked with fab transfer of GaN-on-SiC RF technology
- Participated in project planning, and equipment budgeting, evaluation and purchase decisions
- Lead new platform feasibility studies in conjunction with R&D, Process and Product teams

Process Engineer I; Dry and Wet Etch

September 2018 – May 2019

- Responsible for NCM disposition, SPC monitoring and response, process improvement projects
- Self-assigned project to solve highest yield-impacting fab defect: data analysis revealed defectivity introduced by operator mishandling

Process Engineering Technician III; Metal, Dielectric, Etch

July 2015 – September 2018

- Investigated tool failures, product anomalies, misprocess events
- Supported sputter, evaporation, bond, anneal, dry etch, wet etch, and CVD process areas

SOFTWARE + CERTIFICATIONS

Certifications:

Coursera/Duke University: Introductory C Programming Specialization (In progress)

Cadence

- SystemVerilog Accelerated Verification with UVM Exam
- SystemVerilog Accelerated Verification with UVM v1.2.5 Exam
- SystemVerilog Assertions v5.1 Exam
- C++ Language Fundamentals v21.03 Exam

Proficient with Microsoft Office, JMP

Familiar with drafting SQL queries, modifying JSL scripts

PROJECTS

<https://github.com/taylor templeton>

EDUCATION

New York University, New York, NY

Sept. 2012 – May 2015

B.S., Chemical and Biomolecular Engineering, magna cum laude, 3.64 GPA

University Honors Scholar, NYU Promise Fund Scholar

Tau Beta Pi Honor Society Member, Omega Chi Epsilon Chemical Engineering Honor Society Member

PERSONAL INTERESTS

I enjoy fitness, reading about history, and working on my house, which refuses to stop slowly falling apart.