

Peter Kennedy

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Work Experience

Seagate Technology LLC

May 2022 - Current

Vacuum Process Engineer

- Ownership of several physical vapor deposition toolsets
- Implementation and maintenance of automated process control
- Adapting control strategies to align with metrology sampling
- Troubleshooting build issues for yield improvements
- Usage of analysis tools such as JMP
- Six Sigma Brown Belt certification

Roger, Freels and Associates (RFA) Engineering

Jun 2021 - May 2022

Software Developer

- Onsite contractor for John Deere Intelligent Solutions Group
- Worked with a team to find and troubleshoot customer issues with field testing and simulated environments.
- Rapid development of C++, Python, and Simulink coding/modeling
- Timelining sprint intervals to properly address workflow

North Dakota State University, Fargo, North Dakota

Jan 2021 - May 2021

Undergraduate Researcher

- Applying node theory of shortest paths to create a strength index to help identify vulnerable lines in power grids.
- Rapid C/C++ code development to fit into a strict time schedule.
- Transformed large datasets into Cytoscape for ease of comprehension.
- Implemented MatLab to produce betweenness measures of lines and nodes.

Dairy Queen LLC, Roseville, Minnesota

Jun 2015 - Aug 2020

General Manager

Promoted from Entry Level Cashier to General Manager.

- Managed staff including hiring and training new staff and ongoing staff development.
- Managed overall store efficiency and profitability.
- Consistently recognized for proactively identifying improvements and developing a strong team that met or exceeded sales goals.

Skills

Software: MATLAB, Linux, C, C++, VHDL, Verilog, Python, HTML/CSS, Java, Cytoscape, Upverter, JMP, Six Sigma Brown Belt certification

Hardware: Oscilloscopes, soldering, multimeters, PCB debugging with DMM, breadboard circuitry, linear and nonlinear circuit component analysis, microcontrollers

Education

North Dakota State University, Fargo, North Dakota

Computer Engineering BS | Computer Science minor

Awards and Honors: Dean's List, Academic Good Standing

Campus involvement: President of IEEE student chapter

Relevant coursework: Digital Design, Digital and Analog Electronics, Embedded Systems, Computer Architecture, and Software Engineering.