Theo Erikson

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Education

University of Maine, BS Mechanical Engineering, Mathematics Minor, **GPA: 3.8** | (Expected Graduation May 2023)

Experience

Founder, Happy Home Computers, Maine | 2022-Present

- Attracted 50+ Clients.
- Established strong customer service relations with Maine's aging and underserved communities.
- Created an ongoing donation stream to the Searsport Elementary School (29 machines since 2022).

Junior Technical Manager, VEMI Lab, University of Maine | 2021-Present

- Oversaw over $5,000,000 worth equipment, tools, and resources.
- Mentored undergraduate researchers and developers.
- Conducted tours with potential students, collaborators, and donors.
- Constructed, designed, and developed for the first 360° immersive fully autonomous vehicle simulator.
- Assisted in the acquisition of $300,000 from the United States Department of Transportation Inclusive Design Challenge.

Hardware Analyst, VEMI Lab | 2019-Present

- Designed, fabricated, and constructed interdisciplinary research apparatuses.
- Created and proctored experiments focusing on human computer interaction.
- Procured and assembled 20+ computers.
- $25,000+ budget for purchasing.
- Operated and maintained VEMI's makerspace including 3D printers, a soldering station, and a laser cutter.

Intern, VEMI Lab | 2017-2019

- Implemented new organization systems for digital files and hardware.
- Assembled a largescale 6-monitor array to display promotional materials.
- Provided networking for a 10,000ft^2 building.

Accolades

- Three peer reviewed published articles.
- Dean's List all semesters (2019-2023).
- Member of the Pi Tau Sigma, Alpha Lambda Delta, and Tau Beta Pi honors societies.
- Touring Speaker for New England research and education talks (5 events, 2019 – 2023).
- Keynote speaker, STEM education, Searsport Elementary School, Searsport, ME, October 2022.
- Panel member, Student Research Learning Experience, University of Maine, Orono, ME, August 2021.
- Presidential Scholar Award winner.
- Maine Top Scholar Award recipient.

Skills

SolidWorks | Abaqus | Maya | Blender | MATLAB | Mathcad | SMath | Cura | Makerbot Print | Python | Arduino | Unity 3D | Microsoft Suite | Google Workspace | Communication | Technical Writing | Presentation | Project Management | Project Forecasting