

Michael G. Gargasz

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EDUCATION

Bachelor of Science in Electrical and Computer Engineering

Expected May 2020

The Ohio State University • Columbus, Ohio • 3.70 GPA

Minor: German

RELEVANT EXPERIENCE

Startup Co-Founder

NXTSTOR LLC, Bedford Heights, OH

Oct 2016—Present

- Oversaw the development of a web application for the business in partnership with a Columbus-based development firm.
- Designed a temporary company website for the business while the web application was being built.
- Designed the company website to house the web application.
- Met with business advisors and potential investors to discuss business strategies and ways to move the business forward.
- Designed the company logo and branding.
- Met with potential clients on the supply and demand sides of the market.
- Facilitated a trial run of the service during the summer of 2017 to collect market research and feedback from customers.
- Met with insurance agents to discuss options of adding an insurance package for customers.
- Created and managed social media accounts for the business.

Engineering Intern – Power Electronics Group

The Lincoln Electric Company, Euclid, OH

May 2017—Aug 2017

- Reverse engineered high-efficiency power supplies and modeled the circuit topology of the power delivery systems.
- Calculated power loss estimations within high efficiency power supply circuitry.
- Tested the stability of power circuitry using a frequency response analyzer.
- Designed and fabricated circuitry that was installed into testing apparatus within the factory.
- Assisted an engineer with supply chain issues on the production floor.
- Assisted with initial testing of next-generation products.
- Conducted experiments to assess improvements on existing designs.
- Tested power analysis equipment and determined its worth to the company.
- Wrote and presented reports to engineers and management staff.
- Set up and attended meetings between engineers and management staff from different departments.
- Learned about the advantages of Kaizen, Kanban, and Six Sigma manufacturing processes.

Technology Aide

Amherst Exempted Village School District, Amherst, OH

Aug 2012—Aug 2016

- Maintained and deployed over 2500 desktops, laptops and tablet computers with appropriate peripherals.
- Provided helpdesk assistance for all students and staff in the district.
- Managed and formatted postings for the district's website.
- Trained three interns for all the tasks and responsibilities associated with the position before leaving for college.

EXPERIENCE

Teacher

Amherst Exempted Village School District, Amherst, OH

Feb 2012—March 2016

- Taught a class of 5-15 7th and 8th grade students the basics of web development.
- Discussed the syntaxes of HTML, CSS, as well as the importance of good design aesthetics.
- Focused on a self-sufficiency style of teaching and encouraged students to continue with their studies outside of class.

SKILLS

Proficient: C/C++, Java, Adobe Photoshop CC, Adobe Lightroom CC, Microsoft Office Suite, Google Office Suite

Basic: HTML 5, CSS 3, MATLAB, Microcap 11, MATLAB, Adobe Illustrator CC, Adobe Premiere Pro CC

Learning: Sketch, Python

HONORS

- Member of Tau Beta Pi – Ohio Gamma Chapter
- Ohio State University College of Engineering Dean's List
- Ohio State Business Builder's Club IdeaPitch – 2nd Place
- Ohio State University Honors College
- Cleveland Engineering Society Scholarship Recipient

March 2018 - Present

Jan 2016 - Present

Nov 2016

Aug 2016 - Present

May 2016