

Gregory McNeil

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Objective

Seeking a full time position, interested in opportunities in Product Design & Manufacturing.

Education

STEVENS INSTITUTE OF TECHNOLOGY | HOBOKEN, NJ

MASTER OF ENGINEERING IN SYSTEMS ENGINEERING, GPA 3.6 | AUGUST 2018

- Graduate Certificates: Systems Engineering & Architecting, Data Exploration and Visualization

BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING, GPA 3.2, HONORS | MAY 2018

- Concentration: Product Design and Manufacturing

Relevant Courses: Systems Integration, Systems Architecture, Project Management of Complex Systems, Design of Machine Components, Design for Manufacturability, Principles of Optimal Design

Key Skills

AutoCAD; SolidWorks; Revit; SketchUp; Product Design; Rapid Prototyping; Design for Manufacturing; Pro Engineer/Wildfire; 3-D Printing; Engineering Management; Labview; Finite Element Analysis; Microcontrollers; Excel Modeling; Visual Basic; Python; RStudio; Root Cause Analysis; Linux

Experience

LENOVO | Morrisville, NC | Oct 2018 - Present

Product Engineer: Consumer Products

- Perform root cause analysis on failing products
- Develop and implement solutions for critical situations that impact up to 4,000,000 units
- Perform tear downs and make design recommendations for new products
- Train field technicians to diagnose critical problems and apply solutions

THOMAS POLISE CONSULTING ENGINEER | NEW YORK, NY | JAN. 2016 – MAY 2016; AUG. 2016 – DEC. 2016

MECHANICAL ENGINEERING INTERN

- Designed industrial grade HVAC systems for high profile clients.
- Drafted and created technical documents using Revit and AutoCAD.
- Custom built Excel calculator to determine design specifications.

MODULARITY | HOBOKEN, NJ | FEB. 2014 – AUG. 2015

CEO, FOUNDER

- Raised over \$10,000 in startup capital through crowdfunding website Kickstarter.
- Designed a modular power strip "Modu-Strip" unique to the American market.
- Managed a four person team to build, mass produce, market and eventually sell the "Modu-Strip".

Extra-Curricular Activities

Kappa Sigma Rho Omega Alumni Association: Trustee; Kappa Sigma Fraternity: Grand Treasurer, Fundraising Chair, Alumni Chair, Webmaster; In The Works Jazz Quintet: Founder, Bandleader, Drummer; Stevens Summer Program: Senior Staff Member; Study Abroad: University of Sussex; Entrepreneurial Thinking (MGT-103): Advisory Board Member

Honors

William F. Ondrick Music Scholarship; Edwin A. Stevens Scholarship; DeBaun Performing Arts Scholarship; Stevens Pride Award; Kappa Sigma Brother of the Year; Dean's List; Outstanding Grand Treasurer