Connor Young

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Education

Cornell Tech – New York, NY   August 2020 - May 2021

M.S. in Operations Research and Information Engineering expected: Data Science Concentration. GPA: 4.1

Cornell University – Ithaca, NY   August 2016 - May 2020

B.S. in Mechanical Engineering, Dyson Business Minor for Engineers, Kessler Fellow. Cum Laude, GPA: 3.6

Relevant coursework: Computer Vision, Deep Learning, Machine Learning, Modeling, Optimization

Professional Experience

Domusys (AI-based environment sensing startup)   June 2020 - August 2020
Mechanical Engineering Intern: Bethesda, MD

- Designed & fabricated a thermal test chamber capable of maintaining setpoint within 0.15C for less than $350
- Executed repetitive sensor performance tests to resolve critical performance-related issues
- Reviewed test results and discussed alternative corrective strategies daily with the CTO and technical team
- Fabricated alternative hardware configurations for comparative testing
- Completed assignment with a recommended set of hardware design changes to address the performance issue

Appa Life (consumer product process-technology startup)   May 2019 - August 2019
Operations Engineering Intern: Locust, NC

- Organized the manufacturing process facility, including specifying capex equipment purchases
- Led the conceptual development of a blockchain-based supply chain tracking system
- Built and deployed the company e-commerce website using WordPress and WooCommerce
- Participated in fundraising strategy and pitch meetings, customer relations and business development meetings
- Devoted substantial time each week providing hands-on effort to raw material development and processing

NVIDIA (market leader in graphics image processing)   May 2018 - August 2018
Mechanical Engineering Intern: Santa Clara, CA

- Determined important mechanical design and material choices for a major unannounced product
- Performed extensive CAD work using Creo, employing DFM techniques and COMSOL FEA analysis
- Selected and negotiated with vendors for material acquisition and evaluation
- Coordinated with a team of electrical and mechanical engineers to ensure optimal product integration

Technical Skills

Adobe CC, ANSYS, AutoCAD, AWS, Creo Parametric, CSS, DFM, DFMEA, Django, Fusion360, Git, HTML, Java, LaTeX, Machine Learning, MATLAB, Microsoft Office, OR-Tools, Python, R, Rapid Prototyping, SQL

Activities and Awards

Academic Extracurriculars: TA as an undergraduate for an entrepreneurship class for Master of Engineering students, student ambassador for Cornell Tech ORIE program

Athletics: Cornell Varsity Sprint Football [MVP 2019], Cornell Club Lacrosse, US Lacrosse HS Academic All-American, 7 Years Travel and High School Hockey [League All-Star]

Arrupe Service Award: Recognized for 200+ hours of community service by Bellarmine College Preparatory

Boy Scouts of America: Eagle Scout, Order of the Arrow, top unit fundraiser for 8 consecutive years

Kessler Fellowship: Highly selective experiential entrepreneurship program in Cornell's College of Engineering