Harrison A. Dewhurst

129 Village Hill Ln. North Kingstown, RI, 02852 | Harrison.dewhurst@gmail.com | 401-932-0363
https://www.linkedin.com/in/harrison-dewhurst | hadewhurst.github.io

EDUCATION

Quinnipiac University, Hamden CT
Bachelor of Science expected May 2022
Major: Mechanical Engineering; Minor: Computer Science
Overall GPA: 3.93
Honors and Awards: Dean's List Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Eagle Scout, President of the eta Pi Engineering Honors Society, Certified Excel Expert.

WORK EXPERIENCE

Pfizer Inc., Groton CT (remote working)
Student Summer Worker, Summer 2020

- Position in Cybersecurity Analytics and Service Intelligence team performing Data Engineering tasks to assess quality of field parsing and normalization of critical security data sources
- Develop regular expressions to correctly extract data where the field parsing was incorrect

Boothroyd Dewhurst Inc., Wakefield, RI
Engineering Intern, Summer 2019

- Worked directly with the Research and Development Manager to create Excel macros using Visual Basic to test simulation scenarios in a metal extrusion process cost model

The Learning Commons, Hamden CT
Calculus Peer Fellow and Tutor, Jan. 2019 – Jan. 2021

- Collaborate with Calculus I & II professors on teaching methods
- Hold review sessions to review problems and class notes
- Teach exam prep skills

ENGINEERING EXPERIENCE

QU School of Engineering, Hamden, CT
CATSMEOW Manufacturing Project, Spring 2021

- Analyzed a poorly designed blender apparatus, identified all shortcomings and flaws.
- Re-designed all parts of the model, created detail drawings, made an assembly and assembly drawings using SolidWorks.
- Manufactured new design in manufacturing workshop using mills, lathes, drill presses, band saws.

Circuit Design Project, Spring 2021

- Worked in a team to design, simulate, prototype, and fabricate a DC, multi-output power circuit
- Designed circuit was able to power a device that was a previous project in the course as well as an Xbox controller and an LED. All designed on a 3inx2.5in PCB with an on off switch that was hand soldered.

ACTIVITIES

Grand Challenge Scholar Program (GCSP), *Treasurer,* Spring 2020 – Present
Quinnipiac University Engineering Student Organization (QUESO), *Member,* Fall 2018 – Present
Quinnipiac University Symphony Orchestra, *Member,* Fall 2018 – Present

INTERESTS

Cryptography, Analytical Problem Solving, Travel, Golf, Skiing

SKILLS

CAD: SolidWorks
Analysis: Excel, Microsoft Visual Basic, MATLAB, DFMA Analysis, Java, Splunk, Arduino, Github,
Interpersonal: Leadership through BSA and Engineering Projects
Teaching: Leadership skills in the classroom developed as a calculus peer fellow