

JULIAN AWAD

(613)-806-2681 ◇ julian.awad@queensu.ca

TECHNICAL SKILLS

Software	Microsoft Access, Microsoft Excel, Database Administration
Design and Manufacturing	SolidWorks, FDM 3D Printing, DFM, DFA
Programming	Python, C, MATLAB, LaTeX, HTML & CSS
Networking	TCP/UDP Protocols, Network Config, Linux/Unix, FTP
Languages	English, French, Spanish

WORK EXPERIENCE

Engineering Intern - Department of National Defense May 2020 - September 2020
ADM(Mat) - DSVPM 4-5

- Parsed and organized important information from data sheets for 411 vehicles in 69 variants
- Reworked a purchase description in English and French based on feedback from multiple military bases
- Proofread English-to-French translations of contracts to ensure accuracy and correctness

PROJECTS

Co-Founder, PolyTwist Designs November 2015 - Present
www.polytwist.xyz

- Co-founded a small business designing and manufacturing twisty puzzles using 3D Printing and SolidWorks
- Featured at events such as World MakerFaire 2017 and Maker Festival promoting the Maker movement
- Worked with a manufacturer to mass-produce a product, from the design stages to manufacturing through injection molding and packaging design
- Responsible for the in-house production line from start to finish, product design, website development and upkeep, and sales through our online shop and in-person events.

EXTRACURRICULARS

First Year Project Coordinator September 2019 - May 2020
Queen's Engineering Society

- Working with Engineering Tutoring Service (EngLinks) to establish an efficient Tutor Feedback solution
- Increased Feedback response rate by implementing a more efficient mailing system
- Helped organise workshop sign-ins and overall setup and take-down

EDUCATION

Queen's University 2019 - 2023 (Projected)

- Candidate for Bachelor's in Engineering Physics, Mechanical Stream
- Dean's List with Honours (GPA of 3.75)