

# JULIAN AWAD

(613)-806-2681 ◇ julian.awad@queensu.ca  
github.com/JulsAwad ◇ www.linkedin.com/in/julian-awad

## TECHNICAL SKILLS

---

<b>Programming</b>	Python, SciPy, MATLAB, C, Git, LaTeX, HTML & CSS
<b>Software</b>	LabVIEW, SolidWorks, Autodesk Inventor, PSIM, MS Access
<b>Engineering</b>	Technical Report Writing, FDM 3D Printing, Technical Drawings
<b>Languages</b>	English, French (Native Bilingual)

## ENGINEERING EXPERIENCE

---

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

- Documented and presented key specifications on Armored Patrol Vehicles for 411 vehicles in 69 variants
- Reworked procurement documents based on technical requirements 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
- Made over \$13,000 in sales of 16+ products at live events and through our online shop over three years
- 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

---

**Taekwon-Do Instructor** September 2014 - December 2018  
*Black Belt Excellence*

- Black Belt 2nd Dan in ITF Taekwon-Do under Master Philip Nguyen (7th Dan)
- Led evening classes of 30+ students teaching strength and conditioning, patterns, sparring, self-defense, and speciality training
- Summer Camp Instructor for 9 collective weeks working with smaller groups of 5-6 students teaching Taekwon-Do and supervising during outdoor activities

**EngLinks Physics Tutor** September 2020 - Present  
*Queen's Engineering Society*

- Led a 3h Physics Workshop for 20+ students breaking down key concepts and exam-type questions
- Edited the tutoring material with richer content to better teach the material being tested

## EDUCATION

---

**Faculty of Engineering, Queen's University** Class of 2023

- Candidate for Bachelor of Engineering Physics, Mechanical Stream
- Dean's List with Honours (GPA above 3.7)