

Ella Majkic – UBC Engineering Physics

Phone: (604) 916 6320

E-Mail: ellamaj8@gmail.com

[LinkedIn](#)

[Project Portfolio](#)

Profile

I am a second year Engineering Physics student at the University of British Columbia. I am a diligent, hard-working team player with strong communication and organizational skills. I have experience using CAD programs (SolidWorks and OnShape), programming in various languages, and high grades in my academic courses. I am looking for opportunities in the fields of engineering and science to further my technical and professional skills and gain experience in the industry.

Education

Bachelor of Applied Science in Engineering Physics

September, 2023 – April, 2028

UBC Vancouver Applied Sciences

90.0% GPA

- **Key Courses:** Software Construction, Experimental Techniques, Linear Circuits, Computation in Engineering Design, Physics Laboratory for Engineers, Mechanics, Mechanics of Materials
- **Design Teams:** RoboCup@Home Software Team at UBC Open Robotics
- **Awards:** Trek Excellence Scholarship; Dean's List

Skills

Technical

OnShape, SolidWorks, C, Java, HTML/CSS, Arduino, MatLab, LaTeX, TinkerCAD, Microsoft Excel, Microsoft PowerPoint, IntelliJ IDE, BlueJ, Visual Studio IDE, Breadboarding, 3D Printing, Linux, ROS

Non-Technical

Language (English, French), Organization, Teamwork, Problem Solving, Oral and Written Communication, Graphic Design

Experience

RoboCup@Home Software Team

September 2023 – Present

UBC Open Robotics

- Onboarded into team by completing RoboTraining program, where I used OnShape CAD, Arduino, 3D printing, and various other mechanical components to design and build a line-follower robot
- Joined RoboCup@Home software team (current), where I help design software systems for an autonomous service robot for international competition **
- Used Linux (Ubuntu) to run software such as ROS for designing robotic applications
- Attended various workshops on Git/GitHub, computer vision, machine learning, and Python to learn crucial skills to help integrate with other sub teams

Sales Associate

April 2023 – August 2023

Brandy Melville

- Consistently maintained the function and order of the store, utilizing leadership and problem-solving skills to navigate daily tasks
- Worked at fitting rooms, received shipments, organized stock to keep store up to company standards
- Performed store opening/closing procedures with small teams, following detailed lists of tasks to prepare store for the following day
- Demonstrated patience and friendliness to ensure customer satisfaction and improve store's customer relations

Hostess

May 2022 – September 2022

Robba Da Matti Restaurant

- Ensured optimal layout and operation of restaurant by seating customers, handling all reservations, and answering phones
- Participated in extra tasks such as serving and bussing to increase efficiency of team
- As the first point of contact with customers, I employed a friendly and professional attitude to set a positive first impression and build trust with customers

Volunteering**Publicity & Graphics Coordinator**

April 2019 – June 2023

Vancouver School Board Sustainability Conference

- Spent 4 years as a volunteer with the VSBSC, aiding executive team with running smooth conferences and events by completing assigned tasks
- Was hired onto executive team as Publicity and Graphics Coordinator in 2022; managed website, social media, and publicity for the organization
- Met with executive team multiple times a week to organize logistics and planning of VSBSC's events, notably their annual 600+ person sustainability conference

Here4Peers Program Facilitator

September 2020 – September 2022

Vancouver Police Department

- Attended workshops about creating resources to spread awareness about mental wellbeing, an important yet infrequently taught topic to younger students
- Worked with the Vancouver Police Department to organize and deliver a series of educational presentations about mental health to grade 6/7 students around the city