

TECHNICAL SKILLS

Frameworks

- Docker
- React
- Django
- Flask
- MUI

Languages

- Java
- Python
- HTML & CSS
- JavaScript & TypeScript
- C

Software & Tools

- Git, GitHub, GitLab
- Microsoft Office, Google Suite
- AWS, Google Cloud
- Windows, Linux
- SSH

EDUCATION

University of British Columbia

Expected May 2026

Bachelor of Applied Science - Computer Engineering

Co-op: Available for 4 months beginning May 2023

CGPA: 88.0%

Related Courses:

- Introduction to Engineering II: 96%
- Introduction to Computation in Engineering Design: 89%

TECHNICAL PROJECTS

Personal Website (eliodinino.com)

August 2022 – Present

- Built a website using React with Typescript and MUI, then hosted on GitHub Pages to have a central place to direct people looking for information about me
- Learned about image optimization during development as I converted to modern formats (e.g. WebP and AVIF) and loaded appropriately sized images leading to a 55% reduction in load times
- Used a react library and CSS media queries to support mobile devices by creating a mobile-only layout

Quote Bot ([GitHub](https://github.com))

May 2022 – Present

- Rehomed and further developed a Discord bot to be able to better quote messages on Discord
- Explored deployment options such as Google Cloud and Microsoft Azure to be able to host the bot for free with 100% uptime
- Used GitHub extensively to better organize the bot's repository and learn about GitHub features such as program releases, issues, and vulnerability scanning

SSC Scripts ([GitHub](https://github.com)), University of British Columbia

July 2022

- Created a set of programs to automate the checking of SSC for new information to save students' time
- Gained experience with Selenium's WebDriver, allowing for the automation of any browser task

Health Website (health.eliodinino.com), University of British Columbia

May 2022 – June 2022

- Designed a website using only HTML & CSS to learn about website fundamentals while completing a course final project
- Optimized SEO performance using meta tags, variable site icons, and Google Analytics

ENGINEERING STUDENT TEAMS

UBC Uncrewed Aircraft Systems, University of British Columbia

September 2021 – Present

Software Co-Lead

- Collaborated with another member to develop an Active Aircraft Avoidance system built on Python and Flask to detect potential collisions and reroute our drone accordingly by using to our ground control API
- Assisted in the revamping of our ground control software by updating the backend API, integrating the Django server with the React application, and adding a login page to connect to the competition server

- Used Docker to better package programs and improve cross-platform compatibility
- Worked with a microcomputer running Linux through SSH to remotely configure the drone and reduce image streaming latency from 12 seconds to 1 second

WORK EXPERIENCE

JOEY Restaurant Group, Vancouver, BC

July 2020 – September 2021

Online Sales Manager

- Lead a team within our restaurant to manage \$30,000 in DoorDash sales weekly
- Streamlined employee tasks and onboarding by creating easy-to-follow lists and instruction documents
- Improved team communication by implementing logouts for both the opener and closer leading to a reduction in late restock purchases and missed tasks
- Collaborated with other managers to train employees, perform weekly liquor inventory, and order essential items to maintain our in-person and online operations

VOLUNTEER EXPERIENCE

Engineering Undergraduate Society, University of British Columbia

May 2021 – Present

Webmaster

- Work on the main website (ubcengineers.ca) to improve the design and interface as well as update it with new information and events
- Build the E-Week (eweek.ubcengineers.ca) and Week E⁰ (weeke0.ubcengineers.ca) websites annually with a new theme for the society's 2 biggest events
- Managed email operations through AWS which included forwarding addresses to over 100 emails
- Transferred email operations to Google Workspace for free through the AMS to allow for user management, streamlined file sharing capabilities, and increased cloud storage

AWARDS

UBC Presidential Scholars Award

2021, Recurring

- Awarded based on strong academics, leadership skills, and strong future potential. Received the BMO Financial Group National Scholarship, a 4-year renewable award at \$10,000 to support my degree.

Schulich Leader Scholarship

2021

- Awarded by McMaster University and valued at \$100,000, the scholarship recognizes strong academics, community involvement, leadership, and potential in a STEM-related field.

Guenter Felix Sanders Scholarship

2021

UBC Dean's Honour List

2022

INTERESTS & ACTIVITIES

- **Landscape Photography:** Made a website to share my portfolio and inspire others (photography.eliodinino.com)
- **Soccer:** Played for over 9 years on a competitive team and was nominated for the KLM Justin Manhas Leadership Award
- **Biking:** Cycle almost everywhere and have ridden to school every day since elementary school
- **Discord:** Created a server for the UBC Engineering class of 2025 to make friends and it now has over 1600 members consisting of students from every year as well as alumni (discord.gg/FG4EcVEGP9)