

Logan White

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Skills

- C, C++, Python, Java, PHP, MySQL, HTML, CSS, Git, Dart
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Education

- Queen's University Bachelor of Applied Science, Major in Computer Engineering (Expected Graduation 04/25)
 - Achieved Faculty of Applied Science Dean's Scholar distinction (2022, 2023)
 - 4.20 Cumulative GPA
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Work Experience

Software Developer

- BRMity Business Relationship Management Solutions - Barrie, ON
 - Responsible for full implementation of new features, debugging, and updating codebase for clients custom business productivity software.
 - Utilised Git version control software, PHP, MySQL, and HTML while managing projects for large, multi-location retail stores.
 - Communicated with clients to elicit feedback on work and to get input to change existing designs or discover what features were in demand.

June - Aug. 2021

May - Aug. 2022

May - Aug. 2023

Project Manager, App Development Team

- Queen's University Engineering Society Software Development Team - Kingston, ON
 - Managing and collaborating with 4 other developers to create a cross-platform mobile app using the flutter development platform.
 - Role includes organizing team meetings, distributing work, supervising version control software, and ensuring progress towards set goals.

Sept. 2023 - Pres.

Undergraduate Teaching Assistant

- Queen's University Faculty of Engineering - Kingston, ON
 - Assisted students with questions about course material, supervised labs, and marked assignments, quizzes, and final assessments for the introductory engineering computer science course.

Sept. - Dec. 2022

Jan. - Apr. 2024

Projects

Engineering Design Project - Swerve Drivetrain

- Designed a CAD model and 3D printed prototype swerve drivetrain system for the Queen's University VEX Robotics team.
- Collaborated with a team of 5 students, to manage relationships with clients and to determine important design specifications via feedback from and meetings with stakeholders.

2022

Monte Carlo Simulations for Sports Predictions

- A C++ script that simulates the results of NHL games and seasons using the Monte Carlo method and pythagorean win expectation.

2020-2023

Combinatorics of F1 Seasons

- Python script that goes through every combination of races in the 2019-2022 Formula 1 seasons to find the champion of each set of races.

2020

Greedy Algorithm Terrain Navigator

- A C++ script that implements multiple versions of a greedy algorithm to find the best path to navigate a topological map.

2020

Awards

- Queen's University Science 11' Scholarship for standing on year's work (2022)
- Queen's University Principal's Scholarship for academic excellence (2021)
- Ottawa Carleton District School Board Silver Medal given to averages of 90+ (2018-2021)
- Lisgar Collegiate Institute Jerry Dermer Memorial Prize in Engineering (2021)