Dylan Broad

dylanbroad | Dylan Broad
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Work Experience

Bentley Drive Jun 2022 - Aug 2022

– Responsible for prompt delivery of orders while ensuring quality service and customer satisfaction
– Assisted with order management and order picking to ensure efficient and correct order handling

Tutoring Mar 2019 - Jan 2022

– Ran one on one tutoring sessions for high school level Math, Science, English and web development
– In charge of creating learning material and teaching new concepts to students to an acceptable degree of understanding while ensuring positive reinforcement

Projects

Keep Up Nov 2022

-Web application used to track productivity as a competition amongst friends
-Developed invitation only group rooms and individualized point system using Firebase and JavaScript
-Implemented login routing and popups using React
-Keep up is designed to promote productivity through friendly encouragement

Automated Greenhouse Nov 2022

-Built a scaled-down version of an automated Cooling system using an STM32 micro controller
-Successfully programmed the micro controller to turn on fans using a temperature sensor and LCD
-This project was designed to optimize growing conditions for wheat to help improve wheat yields in countries suffering from global warming

Volunteer Experience

Cobomax Academy Jul 2021 - Aug 2021

– Provided tutoring services in preparation for Gauss and Beaver competitions.
– Assisted in teaching python to new programmers and was responsible for creating learning material

Education

2022 - Anticipated 2027 BASc in Computer Engineering at **The University of Waterloo**

Honours and Awards

2022 DELF French studies diploma level B2
2021 Certificate of Distinction Recipient of the Fermat Contest

Skills

Programming Languages	C++, Python, JavaScript, React, Firebase, Django, HTML, CSS,
Other Skills	Fluent in Excel, Proficient in written and spoken French