Dimitar Atanassov

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Skills

Languages	Python, C, C++, HTML, CSS, JavaScript
Software/Tools	Git, GitHub, Bash Shell, Valgrind, OpenCV, VS Code, CLion, PyCharm, MS Office, jQuery, Node.js, Express.js, Bootstrap 4

Projects

LED Music Visualizer | Arduino / C++ | refer to GitHub   *Sep. – Nov. 2020*
- Developed a music visualization device using an Arduino microprocessor, a Spectrum Shield, and an attached individually-addressable LED strip
- Implemented multiple features including the ability for the LEDs to instantaneously react to inputted music while offering a plethora of settings selected by the user to maximize the user experience
- Employed both GitLab & GitHub as a VCS to facilitate integration of code by different team members
- Overcame many unforeseen obstacles (prov. lockdown, limited hardware supplies etc.) through adaptability, patience, problem-solving and effective management of time/supplies in order to deliver the product on time

Personal Website | HTML, CSS, JavaScript | mitssov88.github.io/dimitarAtanassov/   *Jan. 2021*
- Coded a website from using HTML, CSS, and JavaScript to present myself, my interests, projects I have completed and goals I'm striving to achieve
- Currently broadening my knowledge of JavaScript to increase responsiveness/interactivity of the website and so I can better tackle learning new frameworks and technologies such as Node.js, Express.js, and React

Financial Simulator Game | Unity, C# | refer to GitHub   *Jan. 2020*
- Worked effectively in a group to develop a financial simulator game unveiled at my high school's DECA Ambition Conference 2020 attended by over 100 people

Competitive Programming | Python | mitssov_88 on DMOJ   *2018 - 2020*
- Solving data structures and algorithms oriented problems on DMOJ during the last two years of high school, participating in regional competitions, monthly online competitions, as well as the Canadian Computing Competition

Experience

One Step Forward Tutoring Services Inc. | One-on-one Tutor (part-time)   Mississauga, ON | *Oct.- March 2020*
- Taught Math, Chemistry, Physics, and English for Grades 1 – 12 and always received positive reviews from parents, especially for my punctuality, knowledge of the subjects, and dedication

Goodness Me Natural Food Market | Grocer (part-time)   Mississauga, ON | *July 2019 – Sept. 2019*
- Organized back-stock, stocked shelves, checked for expiring products and was frequently praised for my attentiveness which saved the company money by minimizing the quantity of expired products taking up space and maximizing their presentation
- Maintained various data logs pertaining to upcoming expiry dates, quantity of products on each shelf etc. to ensure a more efficient undertaking of future tasks
- Assisted customers while maintaining a professional attitude, multi-tasking, and using quick decision-making to maintain and uplift the company and staff's reputation and public perception
- Adapted to workplace responsibilities and learned the importance of strong communication and tenacity

Education

University of Waterloo   Waterloo, ON | *Sep. 2020 - April 2025*
Bachelor of Software Engineering (Co-op) Last Term: 3.96 GPA
Relevant coursework includes: Introduction to Programming Principles (C), Data Abstraction and Implementation (C++), Software Engineering, Linear Algebra

Accomplishments

- University of Waterloo President's Scholarship of Distinction ($2,500+) for a Grade 12 I.B. program average of 98%
- Top third of CCC (Canadian Computing Competition) 2020 Senior Division contestants
- Honor Roll at St. Francis Xavier Secondary School I.B. program (2016-2020)