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Shivam Dharme
1B Computer Engineering Student

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ShivamDh.github.io/Personal-Website

Summary of Qualifications

- Proficient in: C, C++, Java, GDB, HTML5, CSS3, JavaScript, jQuery, ReactJS (JSX, Babel, ES6)
- Working knowledge of: Git, NodeJS, SPI, Ngrok, JIRA, Android Development (Studio), VHDL
- Highly active GitHub member developing side projects with the use of version control
- Excellent communication skills and professional fluency through volunteering experience
- Adaptive in independent and team environments through work at Scentsation and Midnight Sun

Side-Projects

Personal Website   *January 2017*
- Made with JavaScript frameworks such as React (with ES6 script), Gatsby and jQuery
- Created a one page (application) website that is static generated and published onto GitHub Pages
- Implemented CSS and HTML for text display and styling, utilized NodeJS during testing and publication

Hockey Statistics Manager   *December 2016*
- Flexible statistics program in C that provides a file I/O option to manage large hockey data organization
- Utilizes linked list storage, ordering and export algorithms to processed and filtered data

Molar Mass Calculator   *November 2016*
- Used C language to calculate molar mass of elements or compounds using a jump table algorithm

2048 Game   *October 2016*
- Made in C language and combines simple data structure algorithms to run the program on command line
  An Android app version in progress with hand gesture controls that combines embedded system sensor readings, multi-threading, and finite state machine implementation, all created through Android Studio

Experience

Business and Electrical Team Member   September 2016 –present
Midnight Sun Solar Car Team   *Waterloo, Ontario*
- Utilized ReactJS (Babel Script) to build a working footer module, contributed to the launch of the one page website through ngrok testing and was responsible for minor content management on website pages
- Incorporated into professional workflow through JIRA and GitHub to manage issues on website team
- Starting work with electrical team in C language with SPI protocol (embedded systems) for driver controls

Board of Director and Finance Team Member   October 2015 – Mar. 2016
Scentsation – A Junior Achievement Company   *Calgary, Alberta*
- Managed company capital and projected return on investment by undertaking initiative to record company balances, using MS Excel worksheets, increased company financial awareness
- Handled quality assurance on products with finding suitable environmentally friendly product packaging

Youth Sports and Aquatics Volunteer   September 2014 – June 2016
YMCA Calgary   *Calgary, Alberta*
- Assisted swim instructors with swimming lessons by handling of large class sizes and running class games
- Supervised weekly sports for children and responsible for safety, set-up and conduct of events; developed leadership and problem-solving skills while and gaining exposure to handling pressure-filled situations

Education

University of Waterloo (September 2016 – present)   *Waterloo, Ontario*
- Candidate for Bachelor of Applied Science in Computer Engineering, ended 1A Term with 89.4% average
- President's Scholarship of Distinction for 98% entrance average entering from high school

Henry Wise Wood High School (September 2012 – May 2016)   *Calgary, Alberta*
- Concurrent completion of Alberta High School Diploma and International Baccalaureate (Full) Diploma
- Consistent Honours of Distinction with awards including Honours Scroll Award for highest GPA

Activities and Interests

- Took part in Waterloo EngHack (October 2016) and Waterloo Engineering Competition (November 2016)
- Multi-sport athlete including high school badminton team, club soccer and intramural futsal
- Rankings in Canada-wide math competitions such as Euclid, Galois, Fermat and Hypatia in high school