Shivam Dharme

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Software Developer · University of Waterloo

Skills
- Fast learner and enthusiastic team member, adept in problem-solving, excellent communicator
- **Languages**: C, C++, C#, Java (Android), Python, SQL (MySQL, SQLite, PostgreSQL), PHP
- **Web**: React, Redux, jQuery, Node, HTML, CSS (LESS, SASS), Bootstrap, AngularJS, Django
- **Technologies**: Linux (Ubuntu), Unix (Bash), Git, Amazon Web Services (AWS), Npm, Yarn

Education
University of Waterloo – 2nd Year Student (Class of 2021)   *Waterloo, ON*
- Candidate for Bachelor of Applied Science in Computer Engineering, GPA: 3.9, Top 10 Rank
- President's Scholarship of Distinction for 98% entrance average with International Baccalaureate

Experience
D2L (formerly Desire2Learn)   *Kitchener, ON*
Software Developer   *January 2018 – April 2018*

Outstanding Evaluation

Evertz Microsystems   *Burlington, ON*
Web Applications Developer   *May 2017 – August 2017*
(JavaScript, React, Redux, Node, jQuery, Python, PostgreSQL, HTML, LESS, Ubuntu, Git)
- Created scalable and responsive video streaming application for highlights, bookmarking, tagging
- Rearchitected internal search engine for web component modularity, improved speed by 20%
- Enhanced website data workflow by efficient result querying and refined search results
- Built a client-specific user interface with barcode recognition and broadcast job scheduling

Midnight Sun Solar Car Team   *Waterloo, ON*
Business and Electrical Team Member   *September 2016 – April 2017*
(JavaScript, React, Node, Bootstrap, CSS, HTML, C, SPI Protocol, Git)
- Developed a working footer module for the newly launched team website
- Wrote bare metal firmware for custom driver control embedded systems through SPI and C

Projects
Personal Website   *January 2017 – present*
(JavaScript, React, Node, ES7, HTML, SASS, React-Bootstrap Material-UI, GitHub Pages)
- Launched an online portfolio displaying all personal projects at the beginning of 2017
- Redesigned and rebuilt a more mobile-friendly website with a multi-page design

Hangr – HackPrincetonS17 Project   *April 2017*
(IBM Cloud, IBM Watson Visual Recognition, Node-RED, SQL, JavaScript, HTML, CSS)
- An Internet of Things (IoT) 'smart' closet app to help users select clothes through machine learning
- Integrates visual recognition to store characteristic information about clothing items with SQL
- Determines clothing combinations through user preferences, history, ideal key-value pairings

Fitness60   *March 2017*
(Java, Android Studio, Android SQLite, XML)
- Created a fitness related mobile application to store user workout data along with XML designing
- Implemented a multi-tab application including an options menu, and custom workout creation
- Stored workout data phone through SQLite, used Android SharedPreferences for user options

QuikPick – Qhacks17 Project   *February 2017*
(Amazon Web Services, JavaScript, Node, HTML, CSS, Chrome Extension Tools)
- Made a Google Chrome extension to achieve 25% faster webpage load time and lower bandwidth
- Employed AWS backend server to utilize image size reducers and dynamically replace pictures

Extracurriculars
- Multi-sport athlete including high school badminton team, club soccer and intramural futsal
- Partook in Waterloo EngHack, placed 4th at Waterloo Engineering Competition (Fall 2016)
- Nationally ranked in math competitions such as Euclid, Galois, Fermat, Hypatia in high school