Ibrahim Irfan

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EDUCATION

Bachelor's of Software Engineering
University of Waterloo
Sep 2017 - Present

- Expected Graduation - 2022. 98% average in graduating year of high school.

SKILLS

Languages: JavaScript, HTML5, CSS, C, Swift 3, PHP 7, SQL, Python
Frameworks: nodeJS, Express, jQuery, AJAX, Google Apps Script, MySQL, MongoDB
Other Tools: API's, Git, Xcode, Arduino, Vim

WORK EXPERIENCE

Junior Software Developer
Geotab
Jun 2017 - Aug 2017

- Led the development of an HR automation system using Google Apps Script, in use today.
- Significantly increased team efficiency by automating redundant tasks such as resume identification/parsing, emails, and scheduling calendar events.

Web Developer & Graphic Designer
Freelance
May 2017 - Present

- Directly coordinate with clients to develop websites and designs for their small businesses.
- Projects include using JavaScript to create a dynamic website for ITEE Group Canada.

Junior Software Developer
Viceroy Media, Inc.
Jun 2016 - Feb 2017

- Worked with a team to develop the University of Guelph Exam Network web application.
- Used JavaScript to integrate the login system with Facebook Login API along with viewing, uploading, and handling of course files.

PROJECTS

SpaceX Hyperloop Competition - Waterloop
Waterloop
Sep 2017

- Involved with Waterloo's Hyperloop Competition team - Waterloop.
- Use C/C++ on the Embedded Systems sub team to develop code for the pod microprocessors.
- Work to implement time and space efficient algorithms for best performance.

Exam Parser & Web Application
IRHS DECA
Sep 2016

- Used nodeJS to parse PDF practice exams and output self-marking online forms to a web application, incorporating a login system with admin access.
- Practiced industry standard database security measures handling 200+ user accounts.

2D Chess
Chess
Jun 2016

- Developed a turn-by-turn two player Chess game with Turing.
- Implemented move suggestions, check/checkmate detection, and score count.

ACHIEVEMENTS

3rd Overall, Best Hardware, & Best 3D Printing
MasseyHacks III
Apr 2017

- Created a device to help blind people read pages of text by reading out words upon a user hovering their finger over the page using OCR and LeapMotion recognition.

Loran Scholarship Semi-Finalist
Loran Foundation
Nov 2016

- Recognized in the top 8% of applicants for Canada's most prestigious scholarship.