

Jeremy DenHartogh

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EDUCATION

Computer Science (Honours) – Internet Security Stream

Sep. 2014 – Present

Carleton University

Ottawa, Ontario

- Fourth year standing, 10.88/12.0 CGPA Overall, 11.00/12.00 CGPA Major
- Expected Graduation: April 2019

TECHNICAL SKILLS

Ruby / Ruby on Rails	HTML	NodeJS	PowerShell	CAS
Python	CSS	SQLite	Bash	GIT
Java	C++	PostgreSQL	Haskell	.NET
JavaScript	C	MySQL	Prolog	Microsoft Office Suite

HONOURS PROJECT

Fantasy Hockey Helper

Sep. 2018 – Dec. 2018

Grade Received: A+

Viewable at www.FantasyHockeyHelper.com

- Created a web application in Ruby on Rails hosted on AWS that assists Yahoo Fantasy Hockey users
- Acquired data on all NHL players and teams by using RESTful API calls with NHL.com
- Generated statistical projections and values for players using Python and machine learning
- Authenticated Yahoo users using OAuth2, allowing for use of the Yahoo API commands, and the ability to view all fantasy Information on the user and their leagues
- Built an easy to use and mobile friendly front-end using HTML, CSS and JavaScript

WORK EXPERIENCE

Web Applications Developer

May 2018 – Aug. 2018

House of Commons

Ottawa, Ontario

- Created a web application using NodeJS, to allow Members of Parliament and their staff to live stream House sessions onto their Facebook, Periscope and YouTube accounts.
- Built an easy to use and mobile friendly front-end using HTML, CSS and JavaScript
- Developed unit tests to test the application

Web Applications Developer

Jan. 2018 – Apr. 2018

Blindside Networks

Ottawa, Ontario

- Developed in Ruby on Rails for Greenlight, a front end for the web conferencing software BigBlueButton
- Modified Greenlight so that it could be used as an external tool in a variety of learning management systems
- Modified the front-end using HTML, CSS and JavaScript as required by the various modifications

Software Developer

May 2017 – Aug. 2017

JSI Telecom

Ottawa, Ontario

- Worked as part of an agile team to help automate the process of configuring and deploying virtual systems
- Modified a web portal to help further increase user friendliness when deploying the program
- Programmed mostly in ruby, but also created various automation scripts in both PowerShell and Bash
- Developed various unit tests in both Ruby and PowerShell to assist in testing new code

IT Enterprise Content Management Administrator

May 2016 – Aug. 2016

City of Ottawa

Ottawa, Ontario

- Created and modified PowerShell scripts to help improve the efficiency and decrease runtime of a program designed to assist in uploading large quantities of files to the company databases
- Created a GUI for the scripts using the .NET framework to improve user friendliness for the tool

Teaching Assistant – Various Courses

Sep. 2015 – Present

Carleton University

Ottawa, Ontario

- Evaluated assignments and tests, providing feedback to assist students in improving upon their work
- Conducted office hours, and tutorial sessions to further help students understand the assignments and concepts