

# Robert Craig

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Self motivated problem solver attending the University of Waterloo for Software Engineering.

I am seeking my first internship that will begin in May, 2020.

## ACADEMICS

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University of Waterloo, Software Engineering	Sept. 2019 – May 2024 (expected)
Wellsboro Area High School, Pennsylvania	GPA: 99.4%, Class Rank: 1 of 133
SAT Exam Score	1510/1600, 99 <sup>th</sup> percentile

## COURSES

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MITx Intro to Computer Science and Programming Using Python (edx.org)	June – Aug. 2018
Machine Learning by Stanford University (coursera.org)	June – Sept. 2017
Pennsylvania Free Enterprise Week at Lycoming College	July 2017
HarvardX CS50x, Intro to Computer Science (edx.org)	Nov. 2016 – Apr. 2017
Game Programming with Unity and C# at Vassar College	Aug. 2016

## SKILLS

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Python, JavaScript, C#, HTML, CSS, problem solving, communication, Microsoft Office

## WORK EXPERIENCE

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<b>WorleyParsonsCord</b>	<b>Blackfalds, AB</b>
<i>Oilfield construction team member</i>	June – August 2019
<b>Mosso Realty</b>	<b>Big Flats, NY</b>
<i>Website development: created fairportridge.com</i>	January – February 2018
<b>Instrument Cluster Store Inc.</b>	<b>Wellsboro, PA</b>
<i>Custom computer design &amp; assembly: built and set up five computers</i>	July – August 2018
<b>McDonalds Canada</b>	<b>Innisfail, AB</b>
<i>Crew Member</i>	December 2014 – May 2015

## PROJECTS

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### FreeCodeCamp: Front End Development

JavaScript, HTML, CSS, JQuery, Materialize, API

- JavaScript powered desk-style calculator
- Tic Tac Toe game with unbeatable forward-looking AI or local multiplayer
- Simon game built to model the 1978 memory game
- Weather website that displays the temperature and weather at your location

### Unity Games

C#, Unity, Game Development

- Super Ball Hit 9000: based on Atari Breakout, but with four paddles and no walls
- Couch Simulator 2016: You control a couch flying through a city jumping on waffles

### Web Scraping

Python, BeautifulSoup

- Created a python script to scrape images of all in game items for Rocket League

### ProjectEuler.net

Python Scripting, Math

- Completed 67 math/programming problems, putting me in the 97% percentile

### CS50x Final Project

Python, Flask, SQL, Frontend Web

- Created a (now discontinued) website that shows who your representatives are on the local, state, and federal levels. Full-Stack development project with a database and backend

### Canuck Computers

Entrepreneurship, Frontend Web

- Started a local computer building business based in Wellsboro, PA. canuckcomputers.com

### Improveats

React Native, Mobile Development

- Prototyped a mobile app for a now discontinued restaurant reservation start-up

## VOLUNTEER WORK

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### Green Home Assisted Living Center

Wellsboro, PA

- Played piano for seniors

June – July 2017

### Wellsboro Area High School

Wellsboro, PA

- Math Tutoring

September – December 2018

## EXTRA CURRICULARS

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**Music:** Piano (9 years), guitar (1 year), ukulele (1 year), song-writing, music-recording

**Sports:** Downhill skiing (14 years), badminton (5 years), ping-pong, rock climbing