**Michael Peet**

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**Github:** [**https://github.com/Sumobot1**](https://github.com/Sumobot1)

**Website:** [**http://sumobot1.github.io**](http://sumobot1.github.io)

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Education:

* **Mechatronics Engineering, University of Waterloo, graduating 2020**
* Forest Heights Collegiate Institute: 2011 to 2015, grade 12 average 95%

Technical Experience:

* Programming
  + Python: Grade 10
  + Assembly Code: Grade 10
  + Java: Grade 11 and 12 - Trained for Canadian Computing Competition, made small graphics project
  + C: Grade 11 and 12
  + HTML/CSS/JavaScript : Currently learning in self-guided website design project, and through work at Dashtask
* Hardware
  + Designed, built, and programmed universal TV remote
  + Designed, built and programmed an autonomous Sumo Robot
  + Designed and built cricket that chirps based on light and temperature
  + Currently designing and building a circuit board that will make a group of lights flash based on musical frequencies
* Applications
  + PyScripter/IDLE – Python Development Environments
  + Netbeans – Java Development Environment
  + MPLAB 8/X – Assembly Code/C Development Environments
  + Sublime Text Editor
  + GitHub Command Line
  + Fritzing – Circuit/Board Design Program
  + AutoDesk Inventor
  + Siemens Solid Edge

Work Experience:

July 2015 – Palette

* Assist in the development and fabrication of premium product line
* Checked completed units to ensure quality, repaired broken units
* Used existing web templates to help create new template for Palette website

July to August 2015 – Dashtask

* Make templates for web pages using GIMP or Powerpoint
* Use HTML/CSS/Javascript to turn templates into functioning webpages that can then be integrated into the website

July to August 2014 – **Senior Leader for City of Kitchener Summer Playgrounds**

* Plan, execute, and supervise fun and educational activities with campers while ensuring safety
* Monitoring camper behaviour and providing feedback to parents

July to August 2013 – Senior Leader for City of Kitchener Summer Playgrounds

* Duties same as 2014

October 2012 to June 2013 – Math Tutor for 10 year old boy

* 1-1 interaction teaching informal math lessons.

July to August 2012 – Junior Leader for City of Kitchener Summer Playgrounds

* Duties same as summer 2013

2010 to present – **St. Jacob’s Playhouse**

* Usher – Duties include assisting patrons, selling draw tickets and food at intermission

2007 to present – **Dr. Jonathan Peet**

* Casual employment – Duties include faxing, filing, photocopying, office cleaning
* Assisting in conversion to electronic medical record system

High School Activities:

* Sports Teams (Grade 9 to 12)
  + Swimming
  + Cross Country
  + Track and Field – Discus, Javelin
* University of Waterloo Math Contests (Grade 9 to 12)
* University of Waterloo Computing Contests (Grade 10 to 12)
* Robotics Club (Grade 10 to 12)
* Senior Concert Band (Grade 9 to 11)
* Media Club (Grade 10 to 11)
* Chess Team (Grade 9 to 10)

Extracurricular Activities:

2002 to present – **Tsuruoka Karate**

* Have achieved black belt
* Opportunities to teach lower belts, both children and adults

2002 to May 2012 - **Swimming/Lifeguarding Lessons at the Waterloo Rec. Centre**

2006 to March 2013 – **Kitchener-Waterloo Youth Basketball Association**

* 2006 to 2013: House league player
* 2010 to 2011 season: Kitchener Vipers Select Rep Player

2010 to 2011 – **University of Waterloo Math Circles**

Special Achievements:

* 2015 UW Canadian Computing Competition: FHCI Top Score
* 2015 Swimming - Competed at CWOSSAA
* 2014 UW Fermat Math Contest: FHCI Top Score
* 2014 UW Hypatia Math Contest: Top 25%
* 2014 UW Avagadro Chemistry Contest: FHCI Top Score
* 2014 Swimming – Competed at WCSSAA, 100m Back Stroke: placed 3rd
* 2012 UW Canadian Intermediate Math Contest: Top 25%
* 2012 UW Pascal Math Contest: Top 25%

Marks:

The following are my marks that were transmitted to the Ontario University Application Centre by my high school.

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| --- | --- | --- | --- | --- |
| **Course Information** | | | | |
| **Course Code** | **Course Description** | **Completion Date** | **Credit Value** | **Final Mark** |
| MCR3UX | Grade 11 AP Advanced Functions | 2014/02 | 1 | 95 |
| SPH3UI | Grade 11 Physics | 2014/02 | 1 | 96 |
| TEJ3MI | Grade 11 Computer Engineering | 2014/02 | 1 | 97 |
| ENG3UN | Grade 11 Innovate English | 2014/06 | 1 | 94 |
| ICS3UI | Grade 11 Computer Science | 2014/06 | 1 | 99 |
| SCH3UI | Grade 11 Chemistry | 2014/06 | 1 | 96 |
| TDJ3MI | Grade 11 Technological Design | 2014/06 | 1 | 97 |
| ICS4UI | Grade 12 Computer Science | 2015/01 | 1 | 100 |
| MHF4UX | Grade 12 Advanced Functions | 2015/01 | 1 | 98 |
| SPH4UI | Grade 12 Physics | 2015/01 | 1 | 96 |
| TEJ4MI | Grade 12 Computer Engineering | 2015/01 | 1 | 100 |
| ENG4UI | Grade 12 English | 2015/06 | 1 | 87 |
| MCV4UX | Grade 12 Calculus | 2015/06 | 1 | 88 |
| SCH4UI | Grade 12 Chemistry | 2015/06 | 1 | 94 |