**Jaimin Darji**

2B Honours Co-operative Physics and Astronomy

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**SKILLS**

**Languages**

Adobe Flash, C++, C, Python, HTML, CSS, JavaScript, MatLab, BASH, DrRacket(Scheme), Ruby, VBA(Excel)

**Technologies**

SQL, MongoDB, Git/Hub, Arduino, Django, jQuery, angularJS, PythonAnywhere, Xpath, Unix, TCP/IP

**Research**

Worked in lab environment, developing proper use of lab equipment, as well as proper documentation of lab results.

**Projects**

* TechUMe initiative in Ottawa to help elementary students interested in Computer Science
  + Created a Blackberry Playbook game (using Adobe Flash) for the elementary students given their ideas
* University of Waterloo Satellite Design Team(WATSAT)
  + Payload Sub team – Creating, designing, and implementing software and hardware to map the increase/decrease of Arctic Sea Ice
  + Working with a Piksi Navigation chip. Creating personalized code in C and Python to interact with and gather information from nearby satellites.
* Python scripts to make my life easier, ex. Automatically pay my credit card bill
* Developed a personalized website using HTML/CSS/JQuery
* Built embedded LED display using Arduino to show the time

**EMPLOYMENT HISTORY**

*360pi –Software Developer – Jan-Apr 2016* (Python, BASH, GitHub, Web Scraping, MongoDB, Agile)

* Developed and maintained site specific web scrapers
* Worked with customers to design and generate customized daily reports
* Utilized TCP/IP for specific sites to handle headers, cookies, and forms

**EDUCATION**

*University of Waterloo* **September 2014 – present**

*University of Waterloo, Waterloo, Ontario*

* Candidate for Bachelor of Science, Astronomy and Physics with Computer Science Minor

*Relevant Courses*

* Optics, Electromagnetism, Dynamics, Astrophysics, Calculus, Differential Equations, C/C++, MatLab

*Clubs*

* AppDev Club, Physics Club