

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
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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
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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