

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

Technologies

SQL, MongoDB, Git/Hub, Arduino, Django, jQuery, angularJS, PythonAnywhere

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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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
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EMPLOYMENT HISTORY

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

- Developed and maintained web scrapers for site specific web scrapers
- Created scripts in Python and Bash to manipulate Databases and for quality of life
- Worked with customers to create specified web scrapers and report generation