

Dhruv Guliani

Mechatronics Engineering · University of Waterloo
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github.com/dguliani

Technical Skill Set

Software	Languages:	C++, Qt, JavaScript, HTML, CSS, Python, PHP, SQL, Java
	Tools:	Eclipse Based IDEs, Debugging Tools, Apache Local Servers
	Operating Systems:	Windows, Mac OS
Hardware	Technologies	Arduino Microcontrollers, Sensors
	Tools	UGS NX, Solid Works, Arduino Software
	Projects	Quad-Copter Design Project, University Design Projects

Work Experience

Software Developer

Prototype Group Blackberry September, 2013 - Present
Engaged in object oriented server development for the Blackberry Blend prototype
Focussed on code readability and efficiency through various projects
Enhanced front end user experience design and web development skills

Software Developer

Prototype Group Blackberry January, 2013 – May, 2013
Built a web based task managing tool called Whiteboard for the Internal Design Team
Explored the server/client relationship: FTPs, data encoding and parsing
Gained practical knowledge of the object oriented approach through prototyping for BBM

Education

Candidate for Bachelor of Applied Science

Mechatronics Engineering University of Waterloo September, 2012 – May, 2017
Favourite courses included Digital Computation, Linear Algebra and Data Structures and Algorithms
Academically ranked amongst the top 20% of the class

Relevant Projects

Personal Website

dhruvguliani.com github.com/dguliani/Website
Built a personal portfolio website from scratch using JavaScript, Css and HTML
Incorporated responsive web design principles along with a clean layout

Quad-Copter Design

Design and implementation of an autonomous quad-copter in progress
Learning to use an Arduino board with gyroscopes and accelerometers to control motor speed in real time
Being introduced to control theory and the fundamentals of feedback loops

Achievements And Interests

Distinctions	Semi Finalist, Loran Award: 70 000 dollar scholarship	2012
	Alumni, Shad Valley Youth Enrichment Program	July – August, 2011
	Alumni, IB Diploma Programme	September, 2008 – May, 2012
Interests	Eager to learn more about embedded system programming Highly intrigued by the field of circuit design	