

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	