

# Dhruv Guliani

2A Mechatronics Engineering

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## Skills Summary

- Result-oriented self-starter with a growing enthusiasm for technology and design
- Highly motivated with an affinity for problem solving and efficiency

## Programming Experience

### Languages

C++ & QML	Cascades app development at Blackberry and university courses
JavaScript, CSS & HTML	Web development at Blackberry and independent clients
C# & XAML	Exposure through windows native app development
PHP & SQL	Wrote scripts for web applications to access databases
Java	Exposure through high school courses

## Work Experience

### Software Developer

*Prototype Group*

*Blackberry*

*September, 2013 - Present*

*January, 2013 - May, 2013*

- Independently created a web based task managing tool called Whiteboard for the Internal Design Team
- Learned about server/client development through the Blackberry Bridge App
- Gained an intricate attention for detail and efficiency through working with the large BBM code base

### Founder and Photographer

*Project Go Photography*

*August, 2012 - January, 2013*

- Performed photo shoots for clients with Nikon D7000 and received exceptional feedback
- Initiated Facebook advertising campaign to reach a wider audience
- Developed marketing strategies to offer clients the most value for money

## Relevant Projects

### Quad-copter Design

- Currently working on the physical design of an autonomous quad-copter
- Researching the optimal Arduino micro-controller and appropriate sensors for autonomous stabilization and flight

### Personal Website

- Designing and building a personal portfolio website with code storage on Github
- Gaining experience with front end web design, code readability and optimization

## Leadership Experience

### Founder and President

*Association of Voice and Sound*

*University of Waterloo*

*January, 2013 - Present*

- Started student association and held performing arts events at the University and local coffee shops
- Collaborated with Waterloo Arts Collective and advertised throughout the city

### Co Founder

*Slam Poetry Club*

*Turner Fenton Secondary School*

*September 2010 - June, 2012*

- Passionately organized successful spoken word events attracting audiences of over 200 people
- Improved public speaking and presentation through performance

## Education

### Candidate for Bachelor of Applied Science

*Mechatronics Engineering*

*University of Waterloo*

*September, 2012 – September, 2017*

- Favourite courses included Digital Computation, Linear Algebra and Data Structures and Algorithms
- Thoroughly enjoyed Lego Mind-Storms robot design and programming project

## Awards and Achievements

### Semi Finalist, Loran Award

*70 000 Dollar Scholarship*

*2012*

### Alumni, Shad Valley

*Engineering and Business Summer Enrichment Program*

*July, 2011 - August, 2011*

### Alumni, IB Diploma Programme

*Turner Fenton Secondary School*

*September, 2008 – September, 2012*

## Interests

- Stock market research and investment
- Spoken word and creative literary expression
- Professional photography