

RAMANDEEP FARMAHA

2A Systems Design Engineering Student

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SKILLS

Programming Languages: C++, Javascript, MEAN stack (MongoDB, AngularJS, ExpressJS, NodeJS) HTML, CSS, Objective C
Tools: Grunt, Bower, Yeoman, Xcode, Sublime, Sharepoint,
Transferrable Skills: Strong team building and risk taking skills through years of leadership roles in extracurricular activities
Strong verbal and written communication skills developed through volunteerism and journalism

EXPERIENCE

Junior Web Developer (Co-op)

September 2014 – December 2014

Raymond James Ltd.

- Create web-based financial calculators using AngularJS and Bootstrap
- Design and implement JSON-based document databases with AngularJS frontends
- Design, build, maintain internal and external websites
- Develop web-based tools using PHP

Project Coordinator (Co-op)

January 2014 – April 2014

Manulife Financial

- Develop, improve user experience design, and provide major launch of internal websites and wikis using HTML and CSS
- Develop User Application Test Cases for major IT software implementation
- Assist portfolio management by developing automated Excel – based monthly reporting
- Assist developing key project management documentation, such as prod-as-build document, project charter, and project plan
- Assist on Shared Service/Centre of Expertise Playbook development

Innovation Agent

May 2013 – August 2013

Samsung Electronics Canada

- Communicate benefits of Samsung products by engaging customers
- Create and establish Samsung brand awareness
- Increase month-to-month sales of Samsung products by 70 percent

EXTRA-CURRICULAR ACTIVITIES

Midnight Sun Solar Car Race Team

January 2015 - Present

Business Manager

University of Waterloo

- Manage and raise funds for the \$250,000 solar car project

- Streamline operations and procedures within the team using cloud-based apps
- Plan and coordinate tour across major cities in Southern Ontario
- Use CRM tools to develop sponsorships and supervise co-op students
- Represent the solar car team during exhibitions and other events

Engineering Society Representative

September 2013 – August 2014

University of Waterloo

- Attend biweekly meetings to discuss issues and event planning
- Vote on issues relating to Waterloo engineering students

Student Council Vice-President

September 2012 – June 2013

Glenforest Secondary School

- Plan and co-ordinate school-wide events including prom
- Speak in front of hundreds of students during school events

RELEVANT PROJECTS

GreenLeaf Design Project

September 2013 – December 2013

SYDE 161

- Provide a solution for small-scale urban gardening application
- Develop user requirements, QFD analysis, hierarchical task analysis
- Conduct cost/benefit analysis of different solutions via LFP and HFP rapid prototyping
- Design virtual prototype of product using Solidworks
- Conduct usability and functional testing
- Create product using 3D printed parts and fibre glass

EDUCATION

Candidate for Bachelor of Applied Science

September 2013 – Present

Systems Design Engineering

University of Waterloo

- 3.9 GPA

International Baccalaureate Diploma

September 2009 – May 2013

Glenforest Secondary School

- Graduated with highest percentage marks in Physics and Chemistry (99%)
- 96 percent graduating average

ACHIEVEMENTS

President's Scholarship of Distinction

September 2013

University of Waterloo

- Awarded to high school students entering university with a 95% or higher average

Avogadro Chemistry Competition

May 2012

University of Waterloo

- Scored in top 5 percentile across Canada