

Vasundhara Gupta

Apt 102 900 Sherbrooke Ouest, Montreal, QC H3A 1G3

Website: <http://cs.mcgill.ca/~vgupta5/> | Github: [vasugupta94](#) | Email: vasug94@gmail.com | Cell: (514) 475 3522

EDUCATION

McGill University

Montréal, QC

Bachelor of Engineering, Software Engineering

September 2012 - May 2017 (expected)

Relevant Coursework: Algorithms and Data Structures, Operating Systems, Programming Languages & Paradigms (Functional Programming), Parallel Computing, Software Validation

WORK EXPERIENCE

Ormucio

May 2016 – September 2016

Front-end Developer (Intern)

- Built dynamic UI that allows customer to manage what applications they want in their deployment
- Built using AngularJS, HTML, and CSS
- Worked closely with designer and project manager to influence direction of the product
- Fixed production bugs throughout entire site
- Wrote technical documentation for end user

Gurus Solutions

January 2016 – May 2016

ERP/CRM Software Developer Intern

- Wrote custom client-side and server-side JavaScript to meet client needs
- Automated pricing, inventory management, and other business logic
- Maintained legacy systems
- Wrote documentation and worked in agile environment

BCRL(Broadband Communication Research Lab) McGill

June 2015- August 2015

Research Assistant

- Used Linux SDK to develop Mosquitto (MQTT protocol broker) on ARM microprocessor
- Used hand-written Java program and ESPlorer-esp8266 to measure error from Wi-Fi interference

TECHNICAL SKILLS

- Most proficient: **JavaScript (including AngularJS), Java, HTML5** | Experience with: **CSS, Bash**
- Software: Unix, Windows, Git, Subversion, Eclipse, GanttProject

TECHNICAL PROJECTS

Conference on Diversity in Engineering Cross-Platform App (Senior Design Project)

September 2016-Present

Developer

- In team of four, developed and designed cross-platform event app using Ionic framework (AngularJS)
- Screenshots available at <http://cs.mcgill.ca/~vgupta5/>

Just TALK – Web-based Visual Chat Application (Personal Project)

September 2015

Developer

- Uses IBM's MQTT protocol for communication between remote users (via broker on AWS EC2 server)
- Uses Javascript (Bootstrap) to render interactive content (pictures, videos, etc) in real-time

CAMPUS INVOLVEMENT

Engineers without Borders (EWB)

Montréal, QC

Director of Fairtrade Outreach

September 2014 – May 2015

- Helped make McGill a Fairtrade-certified campus in 2013

OTHER EMPLOYMENT, ACTIVITIES, AND INTERESTS

Employment: Academic Tutor (2010 - 2012)

High School: Graduated with honors. Eagles Athletic Council *treasurer*, Yearbook *photo editor*

Interests: Finance, travelling, cooking, baking