

RAJDEEP GILL

Kitchener, ON | (519)-505-2574 | gill2890@mylaurier.ca | <https://rajdeepgill.firebaseio.com>

SKILLS AND PROFICIENCIES

- | | | |
|--------------------------|-------------|-------------|
| - Java | - AngularJS | - JQuery |
| - Python | - Node.JS | - SQL |
| - C programming language | - Express | - MS Office |
| - HTML5/CSS3 | - MongoDB | - PHP |
| - JavaScript | - Databases | - Ruby |

WORK EXPERIENCE

Myplanet, Toronto, ON

January 2014 – April 2014

Fellow

- Worked as part of a scrum team of 5 to create a web application to be used by a real stakeholder using MongoDB, Express, AngularJS, Node.JS, HTML5, CSS3, JavaScript, and Bootstrap 3
- Conducted user interviews, contextual inquiries, comparative analysis and story mapping after initial stakeholder interview then performed rapid prototyping and user research to test validity of concepts
- Practiced Agile software development and Lean UX by running design studios, interaction modeling, art board mockups and designed web components in rapid iterations
- Practiced building HTML prototypes in week long sprints while constantly validating results
- Developed user testing hypothesis and strategies to continuously deliver the right product

Twice the Deal, Woodstock, ON

August 2010 – August 2012

Assistant Manager

- Responsible for training all front end staff on POS software, and creating weekly shift schedule
- Conducted monthly performance reviews and inventory analysis
- Performed daily cash reconciliations on sales receipts
- Managed negotiating and problem solving on a daily basis, for both employees and managers

EDUCATION

Honours in Computer Science, Management and Co-op Options

September 2011 - Present

Wilfrid Laurier University, Waterloo, ON
(Currently pursuing C.A.P.M Certification)

COURSE WORK

- **CP114 Data Structures**, continued programming in Python from previous course. Introduced to Analysis of algorithms, data structures, recursion, searching, sorting, linked lists, queues, stacks, trees
- **CP213 Introduction to Object-Oriented Programming**, programmed in Java. Learned the fundamentals of object-oriented programming, classes, subclasses, inheritance, references, overloading, event-driven and concurrent programming interface
- **CP216 Microprocessor I**, A comprehensive study of a microprocessor, its architecture and assembly language. Emphasis on the relationship between architecture, assembly language and system operation, and the relationship between assembly language, high-level languages and operating systems.
- **CP217 Introduction to System Programming**, Introduced to the C language. Used and implemented software tools: filters, pipelines, sorts, and text patterns. Introduced to Unix operating system and Unix commands, Shell programming in Unix
- **CP312 Algorithm Design and Analysis I**, Practiced analysis of the best, average and worst-case behaviors of algorithms. Studied Algorithmic strategies: brute force algorithms, greedy algorithms, divide and conquer, branch and bound, backtracking.
- **CP363 Database I**, Introduced to database systems, data models, query languages, database design, recovery and concurrency, integrity and security. Studied database system theory, analysis, design, and implementation, Became familiar with key DBMS concepts. Learned data modeling tools and methodologies including UML. Set up and administered a relational database. Learned SQL and manipulated the contents of a relational database
- **CP317 Software Engineering**, Discussion of software development activities, including software process models, analysis, design, implementation, testing, project management and advanced topics. Both traditional and object-oriented methods are considered. learned software process models, analysis, design, implementation, testing, project management. Worked with group of 24 members. Was a team leader of 5 members. Used GitHub for revision control.
- **CP372 Computer Networks Introduction to computer communication networks**. The OSI reference model. Protocols for error and flow control, medium access protocols, routing and congestion control. Internet architecture and protocols and Unix network programming.