

Rajdeep Gill

Kitchener, Ontario

E-mail: gill2890@mylaurier.ca

Website: <https://rajdeepgill.firebaseio.com>

Skills

- Adept in Java, Python, C, HTML, CSS, JavaScript, jQuery, PHP, Databases, SQL and MS Office
- Experienced in software and web development
- Well-developed interpersonal speech and written communication skills
- Proficient in problem detection, analysis, and resolution
- Fully adaptable to rapidly changing technical environments

Work Experience

Myplanet, Toronto, Ontario, 2014 – March 29, 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, Ontario, 2010 – 2012

Junior Manager

- Trained 10 employees on how to take customer orders, cater the pizza, keep machines and workplace clean to Ontario health standards
- Handled stock ordering and inventory management twice a week
- Balanced cash and sales receipts on average of \$700 cash daily

Activities

Laurier NET Club, Wilfrid Laurier University, 2012 - present

VP of Programming

- Created original specific visual designs for club websites using gimp
- Developed the front end views using HTML and CSS
- Organized and managed working teams for individual club projects in groups of three

Education

Wilfrid Laurier University, Waterloo, Ontario, 2011 – present
Honours Computer Science Program with Management and Co-op Options

Huron Heights Secondary School, Kitchener, Ontario 2007 – 2011
Ontario Secondary School Diploma

Awards

- Awarded Honour Roll throughout secondary school, June 2008 - 2011
- Ontario Scholar Award, June 2011
- Laurier Entrance Scholarship, June 2011

Related Course Experience

Year 1

- **CP104 Introduction to Programming**, learned how to program in Python with emphasis on problem-solving and structured program design methodologies
- **CP114 Data Structures**, continued programming in Python. Introduced to Analysis of algorithms, data structures, recursion, searching, sorting, linked lists, queues, stacks, trees

Year 2

- **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
- **CP363 Database**, 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

Year 3

- **CP312 Algorithm Design and Analysis I**, practiced analysis of the best, average and worst-case behaviours of algorithms. Studied Algorithmic strategies: brute force algorithms, greedy algorithms, divide and conquer, branch and bound, backtracking.
- **CP317 Software Engineering**, 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 to work on share code with the entire group
- **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.