Rajdeep Gill

Kitchener, Ontario
E-mail: gill2890@mylaurier.ca
Website: https://rajdeepgill.firebaseapp.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

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
- Career Development Certificate, Jan 2014

Work Experience

Myplanet, Toronto, Ontario, 2014 – March 29, 2014
Fellow

- Performed rapid prototyping and user research to test validity of concepts
- Practicing Agile software development and Lean UX
- Worked in a team of 5 in designing and developing web-based product using HTML, CSS, JavaScript, AngularJS, Node.JS, Bootstrap, and MongoDB

Twice the Deal, Woodstock, Ontario, 2010 – 2012
Co-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

<div align="center">**Activities**</div>

Laurier NET Club, Wilfrid Laurier University, 2012 - present
VP of Programming
- Create original specific visual designs for club websites using gimp
- Develop the front end using HTML and CSS
- Organize and manage working teams for individual club projects in groups of three

<div align="center">**Related Experience**</div>

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 current commercial microprocessor, its architecture and assembly language. Emphasis on (1) the relationship between architecture, assembly language and system operation, and (2) 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 administer 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.