

# Princejeet Singh Sandhu

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## Skills

**Programming languages:** Java, Python, HTML, and CSS.

**Technologies:** UML, Android, SQL, Git, GUI, JIRA, IntelliJ IDEA (IDE), Eclipse, PyCharm, Drupal and Adobe Dreamweaver.

**Methodologies:** Agile, Scrum and RUP.

**Operating Systems:** Linux and Windows.

## Experience

### WEBMASTER | UNIVERSITY OF OTTAWA | MAY 2015 – PRESENT

- Responsible for managing websites of faculties and 2015 Welcome Week of University of Ottawa.
- Developed web pages for the University using Drupal, HTML and CSS.
- Analyzed the causes of Web-based bugs and repaired them.
- Developed documentation for modification and operation procedures.

### MEMBER OF FACULTY COUNCIL | FACULTY OF ENGINEERING | MAY 2015 – PRESENT

- Responsible for bringing changes to the faculty by-laws and curriculum.
- Presented and prioritized student needs in front of faculty.

### OTHER EXPERIENCE

**ConUHacks (2016):** Added a feature to an Android app (Smart Pantry) to display stores offering specials on included items.

**Startup weekend Ottawa (2015):** Responsible for developing the front-end for a Social Learning Networking web app in 3 days.

## Projects

**Sunshine:** Developed a weather app for android devices. The user could choose the units (Imperial or Metric) and his location in settings and share the weather forecast. (Android)

**Chat Client:** Adapted Object Client Server Framework to develop a chat client and added functionality to it. (Java)

**Web Crawler:** It crawls through the websites and stores keywords and the hyperlinks. Searching for those keywords generated list of links, displayed according to their PageRank. (Python)

**Luka Interpreter:** Developed an interpreter for a programming language, used Stack to store different type of commands and to execute those commands and Dictionary Objects to store variables and their value. (Java)

**Jeopardy game:** Created GUI for the game. The game read questions from a file and assigned one question (and answer to that question) to each button. (Java)

**Study Owl:** Designed and developed a website which hosted previous year question papers. <http://studyowl.x10host.com> (HTML/CSS)

## Education

### BACHELOR OF APPLIED SCIENCE SOFTWARE ENGINEERING | 2014 - PRESENT | UNIVERSITY OF OTTAWA

- Second Year Student.
- Dean's Honor List.

### HIGH SCHOOL DIPLOMA | APRIL 2012 - MARCH 2014 | DOON INTERNATIONAL SCHOOL, MOHALI (INDIA)

- Graduated 4<sup>th</sup> highest in mathematics and science stream.