

# Sunil Panchal

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## SUMMARY

A highly accomplished, skilled, and knowledgeable Software Engineer with extensive knowledge of programming and a strong history of successful project outcomes.

## EDUCATION

**2017 - Master of Science, Computer Science** – *California State University, Los Angeles, CA* – 3.78 GPA

**2015 - Bachelor of Information Technology** – *Centennial College, Toronto, ON* – 4.0 GPA (Honors)

## EXPERIENCE

**IT Support Associate, California State University** – *September/2016 - May/2017 – Los Angeles, CA*

- Increased student satisfaction by 40% via rapidly diagnosing, troubleshooting, and resolving a range of software, hardware and connectivity issues faced by students
- Provided detailed technical support to visually impaired students in the use of specialized software and equipment's; JAWS, MAGIC, Kurzweil 3000, and CCTV
- Improved productivity & quality by 10% by automating repeated production tasks using Java

**Software Developer, Centennial College** – *January/2015 - August/2015 – Toronto, ON*

- Developed a J2EE web application which allowed the client to manipulate data and create course syllabus, prerequisite charts, student success plans and more
- Adopted agile methodology (SCRUM) to improve quality and get feedback from customers
- Consistently praised for communicating effectively with both technical and nontechnical users
- Created test scripts and executed unit test using JUnit for improved confidence in the code

**Engineering Lab Technician, Centennial College** – *May/2013 - August/2013 – Toronto, ON*

- Known for excellent problem-solving skills and patience in dealing with frustrated students
- Researched issues on various computer systems and applications to resolve complaints, answer inquiries, and outline solutions
- Performed routine maintenance on computers, Cisco routers, and switches to ensure reliability

## GRADUATE PROJECTS

[Search Engine](#) – Winter 2016 – (**Java**, Maven, **MongoDB**, Apache Lucene, JSON, **Multi-threading**)

- Java application to search through crawled websites and return the searched result. Implemented Term Frequency -Inverse Document Frequency (TF-IDF) scoring method

[Big Data Prediction](#) – Winter 2016 – (**AWS Elastic Search**, MongoDB, **Kibana**, **Docker**, Java, **Python**, **jQuery**)

- Web Application that predicted the popularity of a language by analyzing trends from Twitter API & StackOverflow datasets. Implemented semantic analysis to determine positive or negative tweets

[Graduate Program Application](#) – Spring 2016 – (**Spring-MVC**, **Hibernate**, **PostgreSQL**, AJAX, **Bootstrap**, JS)

- J2EE application which manages the submitted application of graduate students to a department

[Rover Environmental Monitoring Station](#) – Fall 2015 – (**Java**, **JSON**, **MySQL**, **TCP/IP**, **UDP**)

- Multi-threaded client & server java application to simulate the process of sending commands and receiving a response from the rover

## TECHNICAL SKILLS

HTML 5, CSS 3, C#, AngularJS, NodeJS, SQL, ASP.NET, Git, GitHub, SVN, JSP, JDBC, Eclipse, NetBeans, Tomcat 8.0, RESTful, SOAP, Windows, Mac OSX, Linux, DNS, Microsoft Office, Relational Database