

Sunil Panchal

+1 (323) 510-0847 | sd.panchal93@gmail.com | [Github](#) | [LinkedIn](#)

SUMMARY

A highly accomplished, skilled, and knowledgeable Software Engineer with extensive knowledge of programming and 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*

- Demonstrated strength in rapidly diagnosing, troubleshooting, and resolving a range of software, hardware and connectivity issues faced by students
- Provided technical support to students with disabilities in the use of specialized software such as JAWS, MAGIC, Kurzweil 3000 and devices like CCTV
- Developed a macro using Java to automate word file formatting and removing unwanted characters

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

- Implemented a web application to convert paper based information to an online version
- Contributed software engineering expertise in the development of a web application through the software lifecycle, from requirements definition through successful deployment
- Applied agile methodology (SCRUM) to allow customization of application to user needs
- Consistently praised for communicating effectively with both technical and nontechnical users
- Executed unit test using JUnit framework 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 users
- 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**)

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

TECHNICAL SKILLS

OOP, C#, AngularJS, SQL, HTML 5, CSS 3, XML, ASP.NET, Git, GitHub, SVN, Visual Studio, Eclipse, NetBeans, NodeJS, JSP, JDBC, Tomcat 8.0, GlassFish 4, SQL Server 2012, XML, RESTful, SOAP, Windows, Mac OSX, Linux, UDP, DNS, VMWare, Design Patterns, PL-SQL, Microsoft Office, RDBMS