**Gautham Kanekal Guruswamy** 1938 Conifer Ln, San Jose, CA – 95132 <https://www.linkedin.com/in/gautham-kanekal-guruswamy/> +1-315-439-0124 **|** [gkanekal@syr.edu](mailto:gkanekal@syr.edu)

**Objective**

Motivated, Result-driven Software Engineer with 2 years of industrial experience in software development seeking a Software Engineering internship/Co-op position for summer 2018.

**Education**

* **Syracuse University, New York Expected May 2019**

Master of Science in Computer Science - GPA: 3.2/4.0

***Relevant Coursework:***

*Fall 2018 - Design and Analysis of Algorithms, Computer Architecture & Database Management System*

*Spring 2018 - Object Oriented Design, Ethics of Machine learning & Structured programming and formal methods*

* **Siddaganga Institute of Technology, Tumkur, India June 2015**

Bachelor of Engineering in Information Science and Engineering - GPA: 3.8/ 4.0

**Skills**

* **Programming languages:** Java(Proficient), C(Intermediate), C++(Intermediate)
* **Scripting languages:** Python(Beginner), HTML, CSS, XML, PHP, JavaScript
* **Tools:** Spring MVC Framework, Hibernate, Oracle Data Miner, ERDPlus, Matlab, Phpstorm
* **Operating Systems:** Windows, Linux, Unix, JNachos, MacOS
* **Databases:** Microsoft SQL Server, Oracle Database, MySQL

**Work Experience**

**Assistant System Engineer | Tata Consultancy Services, India Apr 2016 – Apr 2017**

* Designed, developed, implemented and tested Passer application that modified pricing rates for banking merchants based on the client requirements using Spring MVC Framework and Hibernate.

**Assistant System Engineer Trainee | Tata Consultancy Services, India July 2015 - Apr 2016**

* Gained hands on experience with Oracle Data Miner that created predictive models and patterns to view and analyse the criticality of the data, automate the discovery and distribution of new business.

**Academic Projects**

**Healthcare Database implementation | Syracuse University, Syracuse December 2017**

* Designed an Entity Relationship diagram and Relational Schema using ERDPlus tool to establish relationships among entities and visualize the database.
* Implemented and tested healthcare database design for 300 patients, created queries with views, functions, stored procedures and scripts using SQL Server Management studio.

**Term Paper on Cognitive Computing: Unleashing the beast | Syracuse University, Syracuse December 2017**

* Analysed core capabilities of cognitive computing, architecture of IBM Watson supercomputer and its incorporation into this machine.
* Acquired knowledge on accelerating personalized treatment for cancer patients and reducing the time to translate DNA insights by examining an individual’s genetic profile and diagnosing them.

**Classification and Retrieval of Images | Siddaganga Institute of Technology, Tumkur, India June 2015**

* Implemented and tested Retrieval of Classified images using ‘Bag of Keypoints’ to nearly 88% accuracy.

**Digital Fraud Detection | Siddaganga Institute of Technology, Tumkur, India June 2014**

* Implemented and tested a Robust Watermarking technique using ‘Bidimensional Empirical Mode Decomposition’ to check authenticity of data and provide digital data protection.