

CHAITRALI DOSHI

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Summary and Qualification

Seeking a Summer Internship/Co-op as a Software Engineer with a progressive employer where I can contribute to the development of new technologies and work with bright, committed people.

- **Work Experience:** Almost 3 years of Experience as a Software Engineer with Informatica, SQL PLSQL
- **Concentration:** Object Oriented Programming (Java, C++), Algorithms and Data Structures, Design Patterns, Database, Operating Systems and Web Technologies
- **Available duration:** May 2017 to August 2017

Education

Master's in Computer Science: *Rivier University, NH* - **GPA: 4.0** 2016 - (Expected graduation Oct - 2017)

Bachelor of Information Technology: *AISSMS Institute of Information Technology* - **Grade: First class** 2008 - 2012

Technical Skills

Programming Languages: Java, C++, SQL PL-SQL

Frameworks: Java-Spring

Scripting Languages: Python, PHP

Web Technologies: HTML, CSS, JavaScript, JQuery, AngularJS

Tools: Eclipse, Informatica, Toad, PostgreSQL, Git, WinSCP, Putty

Databases: Oracle

Operating System: Linux, Windows

Master's Degree Projects- Source Code(GitHub): <https://github.com/chaitralidoshi>

- **Air traffic flow management simulation for 'Logan Airport Runway' (Java Threads):** Developed Airport traffic controller simulation using Java Threads, Semaphores to enforce synchronization and mutual exclusion on the use of the runways. [Code](#)
- **Connect N Game (Java):** Developed a board game Connect-N is similar to Connect-4 except that the game can be played on a game board of any size and have a different number of chips in a row to win. [Code](#)
- **Simulate MS Excel operations (Java):** Developed a program comprising of data structure and utility functions to perform basic operations offered by excel. [Code](#)
- **Food Order App (Object Oriented Design, UML):** Designed project specification document using UML diagrams for a mobile application 'Food Order App' for ordering food online from various restaurants by providing single platform. [Design Document](#)
- **24-Bit Processor (Assembly):** Designed 24-bit instruction based processor and developed a program to perform dot product operation on two arrays using this instruction set. [Design Document & code](#)

Work Experience

Software Engineer, Saama Technologies India Pvt. Ltd

Oct 2012 - May 2015

Project: Claim Analytics Reporting (CAR) and Homeowners Claims Data Conversion:

This project involved delivering an integrated view of Claims information across sources, subject areas, and stakeholder groups by extending the Business Data Warehouse that currently includes Membership, Customer, and Policy information.

Responsibilities:

- Led one of the source system (HOCS) with a small team.
- Responsible for gathering requirements and IT review. Interacted with Business Users in the design of technical specification documents.
- Developed complex Informatica mappings and tuned performance of Informatica session for large data files by increasing block size, data cache size, sequence buffer length and target based commit interval.
- Conducted Unit and Integration testing of Informatica Mappings and sessions.

Achievements

- Received appreciation and award for best performing member of the team at *Saama Technologies India Pvt. Ltd.*

Volunteer Work

- International Student Orientation(ISO) Leader at the *Rivier University*. Dec 2016 - Current
- America Reads tutor at *Sunset Heights School* Jan 2016 - Current