3 Rowntree Road, Toronto, ON   (416) 401-8872

GANA GANESH

siva_155@hotmail.com

www.github.com/gganesha   https://gganesha.github.io/portfolio/

Skills

- <u>Software</u>**:** *(proficient):* JavaScript, Bootstrap, jQuery, HTML, CSS, Python, Django, C#, SQL *(familiar)*: PHP, React, MongoDB
- <u>Concepts</u>: Algorithms, Data Structures, Object Oriented Programming, MVC, Big O Notation, Agile & Scrum, UI Design

Education

Conestoga College, Post-Graduate Degree   **Sept 2018 – April 2019**
- <u>Major</u>**:** Computer Applications Development, Computer Science (GPA: 4.0)
  - <u>Courses</u>**:** Software Development, Web Applications Development, Database Management, Web Design, Systems Design

University of Waterloo, Bachelor's Degree   **Sept 2013 – April 2018**
- <u>Major</u>**:** Accounting & Financial Management (GPA: 3.30)

Employment

Application Developer (Co-op)   **Manulife Financial**   **Sept 2017 – Dec 2017**
- Developed back-end enhancements for Salesforce CRM in Python: ex. allowing the application to record user-feedback from Manulife clients when completing online forms for investment and insurance purposes; feedback was translated to Excel sheets
- Optimized Python code through refactoring for automated applications by 15-20% during the term; made improvements on apps
- Designed prototypes of Manulife's customer-facing webpages and additional features for increased user traffic by about 15%
- Created a Manulife Mobile solution which allows the integration of core mobile applications into 1 universal application
- <u>Leveraged knowledge</u> in Full Stack Development, Python, Bootstrap, React, JavaScript, HTML, CSS, Git, Confluence, Jira

Technology Analyst (Co-op)   **Royal Bank of Canada**   **Jan 2017 – Apr 2017**
eStatements (rbcroyalbank.com/credit-cards/cardholders/estatements.html): revised webpage for enrolling to eStatements
- Developed a user-friendly credit card webpage which incentivized close to 900,000 clients to switch to eStatements in 2018
- Improved the archaic design of the front-end stack by updating JavaScript DOM, so it can be integrated into the current website design which was already in production; the expected savings due to the improved design resulted in close to $180 million
- <u>Leveraged knowledge</u> in Front End Web Development, JavaScript, HTML, CSS, Git and Chrome Developer Tools

QA Analyst (Co-op)   **Ontario Teachers' Pension Plan**   **Jan 2016 – Apr 2016**
- Created manual and automated user acceptance testing of Java Scripts to implement a $25M cloud upgrade for ServiceNow
- Managed the Scrum Board for daily stand-ups and assisted Sprint meetings for the assignment of story-points within Agile
- Diagnosed issues when testing and improved upon the existing scripts and creating a documentation for fixing testing issues
- <u>Leveraged knowledge</u> in User Acceptance Testing, Java, HTML, CSS, Git, ServiceNow, Tableau, Confluence, Jira

Software Projects

Personal Website: https://gganesha.github.io/portfolio/ (for additional information and projects)

Textbook Rental App
- Developed a web application using ASP.NET Core and C# that allows users to sell/rent used textbooks
- Integrated SQL server, which will allow users to effortlessly store textbook details and student login info
- Implemented search and login functionality to easily search and save textbooks that is to your liking
- <u>Utilized</u>: C#, ASP.NET Core MVC, Bootstrap, JavaScript, HTML, CSS, SQL Server Management Studio

Indeed 2.0 (Mini Jobsite)
- Developed a web application using PHP that allows users to post job listings; cannot be changed unless logged in
- Integrated MySQL server, allows users to effortlessly add, modify and delete job details using authentication
- Using PHP sessions and use of login system, it prevents users from changing sensitive information
- <u>Utilized</u>: PHP, Bootstrap, JavaScript, jQuery, HTML, CSS, MySQL

Present Value Calculator
- Developed a WPF application using C#, that allows users to calculate the present value using input and sliders
- Using MVVM, the calculator has sliders for Future Value (FV), Interest Rate (IR) and # of Years divided by annual, quarterly, monthly and daily radio buttons, which can easily calculate the Present Value (PV)
- <u>Utilized</u>: Windows Presentation Foundation (WPF), C#, MVVM (Model-View, View-Model)