

Snedden Gonsalves

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OBJECTIVE

Self-motivated software engineer who aspires to be a part of a passionate team contributing to its productiveness while growing as a professional and as a person.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY - Rochester, NY

August 2013 – Jan 2017

Masters in Information Science and Technology (MS IST)
G.P.A 3.5

WORK EXPERIENCE

THOMSON REUTERS, ROCHESTER NY

September 2016-Current

Role: Software Engineer

- Worked on the development of a several projects related to editorial tools on the web platform.
- Closely worked with Product owners and BAs following agile model for responsive development.
- Worked on array of technologies ranging from Java EE to front frameworks such as Angular and cloud operations using AWS Services.
- Employed test driven development and worked closely with Quality assurance team members.

CYPHERWORX, FAIRPORT, ROCHESTER-NY

January 2016 to May 2016

Role: Web developer Co-op

- Developed features for the company's web application which used Drupal - a CMS.
- Helped integrate big blue button -an external module for online meetings into company's web application.
- Developed functionalities in PHP and JavaScript adhering to Drupal's conventions.
- Reviewed and debugged peer code, also fixed legacy code and encourage incorporating more conventional git usage.

PAYCHEX, WEBSTER, ROCHESTER-NY

January 2015 to May 2015

Role: Change, Build & Release Management Co-op

- Worked on service management software – ServiceNow.
- Solved incidents and application requests on daily basis.
- Actively involved in regular team scrums and gave productive feedback.

ROCHESTER INSTITUTE OF TECHNOLOGY, ROCHESTER, NY

August 2014 to January 2015

Role: Research Assistant

- Researched strategies/ models to develop a model to tackle the shortage of professional Doctors in Rwanda.
- Interviewed Doctors in Rwanda asking on user assessment question.
- Helped in the planning the process for development and designing the prototype.

SOFTWAPS TECHNOLOGIES - MUMBAI, MAHARASHTRA

January 2012 to July 2013

Role: ASP.Net Developer

- Developed various user entry forms in Visual studio development environment using C# as programming language.
- Utilized crystal reports plugin in visual studio to display data in apt format.

Rochester Institute of Technology, Rochester, NY Role: Student Manager

- Managed around 30 student's employees at a time.
- Trained and assimilated new student employees into work force.

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PROJECTS

Data visualization web app (Capstone Project)

- A web application where users can create highly customizable graphs and data visuals
- User may use input data format in JSON or CSV and export graphs in embeddable SVG or image , Users may save their work for later use or share their work with other users in real time
- Used Laravel 5 framework for the backend and D3.js library to support the browser functionality.

GITHUB: <https://github.com/Snedden/capstone>

Web application for turn-based online game

- Created a web game using PHP, MySQL, JavaScript ,SVG
- Used REST to communicate between web layers and transfer state between players.
- Implemented web security measures against SQL injections, XSS, used segregated web layers.
- Features like challenge, chat lobby, private chat etc.

GITHUB : <https://github.com/Snedden/webGame>

SKILLS

- **Programming Languages:** Java, C#, C++.
- **Scripting languages:** PHP, JavaScript, AS3, R, Python, Typescript.
- **Web:** HTML5 /DOM/ CSS4 /SVG, XML/Schema/DTD, JQuery, Angular 2+, Bootstrap, D3.js, Drupal, Laravel, KnockOut.js, REST services, ECMAScript 6
- **Database:** MySQL, Mongo DB.
- **Designing tools:** Photoshop, illustrator, Flash.
- **Web Architecture:** Windows server, IIS, ASP.
- **Version Control:** GIT.
- **Analytical:** Weka, RStudio, Tableau, Scikit-Learn Library.
- **Cloud based:** AWS services; EC2, Code pipeline, Troposphere , Lambda etc.
- **Testing:** Jasmine, Junit, Cucumber

Extra-curricular activities

- Like sports, love to play volley-ball and ping pong.
- I love music, am in the university choir, like playing the guitar, classic rock > everything else 😊.