# Snedden Gonsalves

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## OBJECTIVE

Self-motivated software engineer, 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 development of a several projects relating to editorial tools on the web platform.
* Development closely followed agile model for on-demand development.
* Worked on array of technologies ranging from Java EE to front frameworks such as bootstrap, Angular 2 etc.
* 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 to incorporate more modern trends.

### 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.

**1 |** P a g e

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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 can use input data format in JSON or CSV and export graphs in embeddable SVG or image  Users can 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 library in the client side.

GITHUB[:](file:///C:\Users\sgg35\OneDrive\Documents\Resume\) <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>

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| **SKILLS** | | |  |
|  | **Programming Languages**: | | Java, C#, C++. |
|  | **Scripting languages:** |  | PHP, JavaScript, AS3, R, Python. |
|  | **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, Auto Scaling, Elastic load balancing, Lambda etc. |

 **Testing:** Karma unit testing, 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😊.

**2 |** P a g e