Daniel Persaud

523-4001 Steeles Ave. W.
North York, ON M3N-2T8
(647) 821-8386
dev.persaud@mail.utoronto.ca

 persa188

EDUCATION

University of Toronto, Scarborough — *BSc. (IPR)*

SEPT 2013 - APR 2017

Currently pursuing an undergraduate Computer Science degree as a Software Eng. Specialist, I am considered to be in my 4th year.

RELEVANT EXPERIENCE / PROJECTS (see my github for more)

ZotPie— *An open-source Zotero Plugin*

A (firefox based) application extension created for the client in the CSCC01 Course. The app was created to add much needed functionality to an existing open source project, Zotero as per client specifications. Our group (of 5 devs) placed 2nd in the course competition.

see: https://github.com/chowbran/ZotPie-Public

MatPlotLib Issue Fixes— *The Python plotting library*

Various bug fixes done as per requests on the MatPlotLib issue tracker on their GitHub Page. The requests were undertaken as part of the CSCD01 course in a group of 4 developers.

GML Games— *Personal Projects*

Some small GML games made for windows that can be played by launching their exe's. One is a jumping platformer and the other is my take on table hockey.

see: https://github.com/persa188/hockey_2.0

see: https://github.com/persa188/stickmanplatformer

Project X— *A Social betting App (IPR)*

A cross platform application that allows users to bet on daily events such as elections, tvshow outcomes, etc. The idea was discovered and worked on in a team of 4 during the "Hack the Valley" hackathon in January 2017. I in particular worked with on backend & RESTful API.

see: https://github.com/persa188/HackTheValley

RELEVANT SKILLS

- Excellent Windows/Linux skills

- OO Design Methodologies

- Security Risk Assessment

- finding and exploiting (in controlled env.) security vulns.

- security conscious software design

- JUnit/PyUnit Testing Suites

- UML & ER-Diagrams

- Working with team of developers & non-devs

- Experienced with:

  o   Java

  o   Python & Flask

  o   C

  o   Android

  o   Js/NodeJS

  o   WireShark

  o   HTML/CSS

  o   MySQL

  o   Unix Network Tools

  o   git/svn

  o   & others