PAUL JOHN GONZALES

Scarborough, ON
Cell: 647-929-0997 • paulj_gonzales@hotmail.com • Links: https://github.com/supaxinc

OBJECTIVE

To obtain a fulltime junior/entry-level software developer role where I am able to further my creativity and use my programming knowledge as an asset to the company.

PROFILE SUMMARY

- Recent Graduated Computer Engineering honor student that has good understanding of many coding languages and technical tools.
- Able to collaborate or act as a leader in group projects using experience from Seneca College and workplaces.
- Multiple projects completed in C# and .NET Framework (ASP.NET/.NET Core MVC with REST API).
- For more in-depth information: https://www.linkedin.com/in/paul-john-gonzales-3b5a1a165/
- Visit my portfolio to see my projects: https://www.pauljohngonzales.com/pages/home

EDUCATION & PROFESSIONAL DEVELOPMENT

Seneca College of Applied Arts and Technology Newnham Campus
Toronto, Ontario (Graduated: Spring 2018)
Computer Engineering – CGPA: 3.6/4.0

TECHNICAL EXPERTISE

Back-end Languages: C, C++, C#, Java, Python, Solidity.
Front-end Languages: Javascript/Typescript, HTML5, CSS/SASS.
Frameworks: .NET/ASP.NET, .NET Core, Bootstrap, Angular.js.
Database: Oracle SQL Developer, Microsoft SQL Server, SQL, PL/SQL
Collaborative Tools: Visual Studio Team Services, Unity Collaborate, GitHub, Subversion.
Other Tools: Microsoft Project, Visual Studio, Adobe Photoshop, Unity Game Engine, OrCAD, Cisco routers and switches, Remix Solidity IDE, Trello, Postman, Swagger UI.

AWARDS

President's Honour List
Seneca College Newnham Campus, Fall, 2015 - 2016

PROJECTS

Diploma Technical Project (Seneca College 2018)

- Cooperated with a team member to develop a self-driving remote controlled car using genetic algorithm interfaced with a Raspberry Pi 3. Project found in GitHub repository link.
- Developed a Unity 2D program in C# that simulates evolution of multiple 2D cars that could drive without any collisions using genetic algorithm. Trained data is sent to the Raspberry Pi 3.
- Developed and designed a Unity 2D Android app in C# that uses Bluetooth to connect to the remote controlled car and controls the car.

ASP.NET Core Website

- Developed a website using .NET Core, RESTful architecture and MVC design patterns for back end processes such as user authentication (register/login page), and migrating the SQL Database.
- Uses Typescript with Angular.js, HTML, CSS (w/ Bootstrap), JSON for the front end development.
- Uses Web API Methods that are tested through the Postman client, and implements JSON web tokens.

Relational Database Management System Project (Seneca College 2018)

- Created an ASP.NET project in C# that allows customers to login and buy movies.
- The project contains front-end application such as a login/register page that uses HTML/CSS and back-end stored procedures using PL/SQL language.
- Uses Data Access Object design pattern to execute SQL statements.
- Designed a database using entity-relationship models and primary/foreign key constraints.

(References are available upon request)