

# Paul John Gonzales

## Software/Full Stack Developer

Recently graduated Computer Engineering honor student that has a good understanding of many coding languages and technical tools. A dependable person that focuses on staying on task and continuously be productive until the work is done.

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## EDUCATION

### Computer Engineering Degree

Seneca College

09/2015 – 07/2018

3.6 CGPA

### English/Calculus and Vectors Courses

Independent Learning Center

10/2018 – 03/2019

### Data Structure and Algorithms

Udemy Course

03/2019 – 05/2019

## PERSONAL PROJECTS

### Portfolio Website [🔗](#)

- A website for others to learn more about me and demonstrate my projects. Written in modern code using Javascript/Typescript.
- Created in Angular.js designed in HTML and CSS/SASS (Bootstrap)
- Visit the website at: [www.pauljohngonzales.com](http://www.pauljohngonzales.com)

### Final Diploma Technical Project (01/2018 – 04/2018) [🔗](#)

- Cooperated with a team member on a daily basis to develop and ship a self-driving remote controlled car.
- 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 coded in Python.
- Developed and designed a Unity 2D Android app in C# that uses Bluetooth to connect to the remote controlled car and controls the car manually.
- The project was created and maintained using the SLDC methodology, and carefully planned with a Gantt chart.

### ASP.NET Core Website (05/2019 – 08/2019) [🔗](#)

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

### Relational Database Management System

- Worked with a small team of student developers/designers to maintain and innovate an e-commerce platform ASP.NET website in C# that allows customers to securely shop for movies.
- Developed major features of our login/register and shop page that is designed in HTML/CSS and has secure back-end stored procedures using SQL language with methods coded in C#.
- Architected a database using entity-relationship models and primary/foreign key constraints in Oracle Developer.

## HONOR AWARDS

President's Honour List (09/2015 – 07/2016)

Seneca College

- Full-time students who consistently achieved a term GPA of 4.0

## TECHNICAL SKILLS

### Back-end Languages

C#, C, Java, Python, SQL

### Front-end Languages

Javascript/Typescript, HTML, CSS/SASS

### Frameworks

.NET/ASP.NET, .NET Core, Bootstrap, Angular.js, Node.js

### Database

Oracle SQL Developer, Microsoft SQL Server

### Collaborative Tools

Github, Subversion, Visual Studio Team Services, Unity Collaborate

### Other Tools

Microsoft Project, Unity Game Engine, Trello, Postman, Swagger UI

## WORK EXPERIENCE

### Freelance Developer

Freelance

08/2018 – 06/2019

Toronto

#### Achievements/Tasks

- Worked with user experience designers for a cruise website's home/login page in HTML and CSS with features in Java.
- Collaborated with a small group of student developers to spearhead a new design and architecture for an e-commerce platform, using a variety of frameworks such as .NET and designed using Typescript, CSS/SASS, and HTML.

## INTERESTS

Watching Movies

Stocks

Biking

Exploring

## REFERENCES

(Available Upon Request)