

Ottawa, Ontario  
(613) 699-1031  
[www.forest-anderson.ca](http://www.forest-anderson.ca)

[github.com/AngelOnFira](https://github.com/AngelOnFira)  
[forestkzanderson@gmail.com](mailto:forestkzanderson@gmail.com)  
[linkedin.com/in/forest-anderson](https://linkedin.com/in/forest-anderson)

# Forest Anderson

Technologies C++ Java Git Ruby on Rails Languages English  
C Python MongoDB French

## Work Experience

### Scholarpro

2018 – Present

Full Stack Developer - [www.scholarpro.ca](http://www.scholarpro.ca)

Currently creating a website to match students to applicable scholarships. Using the Meteor framework for Node.js to create the backend. The scholarships are stored and managed inside a MongoDB database.

### Children's Hospital of Eastern Ontario – Pathology Department

Summer 2017 – Present

Summer Research Student

Worked on creating cross sections of procedurally generated 3D models of the placenta. The tool will allow doctors to navigate the structure of the placenta. Used OpenGL and C++ to create the cross sections.

### Graphics, Imaging, and Games Lab – Carleton University

Summer 2016

Dean's Summer Research Internship - [gigl.scs.carleton.ca](http://gigl.scs.carleton.ca)

Created a filter for digital photos. It is meant to simulate the texture of a pebble mosaic. The project was done using C++ and OpenCV.

## Notable Work and Side Projects

### CUHacking App – App Development

Fall 2017

An app created for Carleton's Hackathon. It will help participants navigate around the university as well as stay in contact with the organizers. Worked as the backend developer on a four-person team. Created and managed the database, which was built with Ruby on Rails.

### Operation Skullrain – Game Development

Fall 2017

A helicopter shooter game created outside of an engine. Worked on the game mechanics as well as managed the 3D models and their physics in the game. It was created using C++ and OpenGL.

### Course Selection Tool – Web Development

April 2017 - Present

A tool for students to more easily create timetables for their courses at Carleton University. It allows students to search for courses more efficiently than Carleton's site. The website backend is built on Flask, and the web scraper is built using Ruby.

### Insignio – App Development

Oct 2016

An app created at Hack Western 2016. It offers a more reliable method of networking at conferences. It shares information without an internet connection by using QR codes. The app was created in Android Studio.

## Volunteer Work

### Carleton Computer Science Society

2015 – Present

VP Social, Treasurer, First Year Rep

### West Hill Student Council

2011 – 2015

President, Tech Crew Rep, Yearbook Rep

## Education

### Carleton University, Bachelor of Computer Science, 3<sup>rd</sup> Year

2015 – Present

Honors in Game Development

## Events and Teams

Hack Western	CS Games	Local Hack Day	hack.carleton	Microsoft Programming Competition
CUHacking	CUSEC	Global Game Jam	Code Guru	