

STERLING FINN

Honors Software Engineering - Waterloo University

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Summary of Qualifications

- **Languages:** C, C++, Java, HTML5, CSS3, JavaScript, jQuery, C#, Python, SQL
- **Tools/Frameworks:** Git Bash, Vim, Ubuntu, Unix, AWS, Bootstrap, Node.js/NPM, Express.js, Unity3D, Arduino
- Dual citizen of the USA and Canada
- Seal of Biliteracy for French, San Mateo High School

Projects

Mountain Views

PennApps XVII

- Created a social media platform on a website and Android application for hikers/climbers, including an integrated wristband that transmits your location in case of emergency while on a trip
- Implemented **AWS DynamoDB**, **S3 Bucket** and **EC2**, for storing user information and **HTML**, **CSS**, **JavaScript** and **Node.js**, **NPM**, and **Express.js** for creating a dynamic social media platform

Flappy Future

Delta Hacks IV

- Built an endless-runner VR Game using **Unity3D** and wrote scripts in **C#**
- Paired Leap Motion hardware sensors using machine learning API from Xesto

Personal Website

January 2018

- Registered the domain **sterlingfinn.me** and created a static personal website completely from scratch
- Designed using **HTML**, **CSS**, **JavaScript**, and **Bootstrap 3**

Text Excel

April 2017

- Replicated the classic computer program VisiCalc on **Eclipse** using **Java**
- Implemented **object-oriented programming** strategies including interfaces, polymorphism, and inheritance

Professional Experience

Pelyco Systems Corporation, Foster City, California

Analyst, August 2015 – July 2016

- Worked with company staff to organize accounts into spreadsheets used utilized to improve company efficiency
- Contacted customers to update their accounts, receivables, orders and maintain effective relations

Self Employed, Foster City, California

Owner/Operator, Summer 2011, 2012, 2013, 2014

- Started my own business painting over five-hundred address numbers on the curbs of customers' driveways
- Solicited my services door to door in my neighborhood, learning entrepreneurial skills through my painting jobs

Education

- Bachelor of Applied Science in Software Engineering, University of Waterloo (2017-2022)

Awards/Honors

- University of Waterloo Merit Scholarship
- AP Scholar with Honor (4.5 out of 5 cumulative average on 8 AP tests)
- Eagle Scout (Troop 175 in Foster City, California) including Bronze and Gold Eagle Palms
- CPR certified by the Red Cross