

Steven Peters

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Profile

- Recent graduate of Electrical Engineering
- Proficiency in circuit analysis, design and simulation.
- Experience with digital signal processing, medical image processing, FPGAs, MATLAB and object-oriented programming languages such as C++ and Java.
- Possess great leadership skills acquired through managing team projects
- Experience with agile programming in developing Android application
- Student leader and VP Finance for 2 consecutive years
- Bilingual FR/EN

Education

Bachelor of Engineering, Electrical 2018

Concordia University, Montréal, QC

Courses: C++, Digital Signal Processing, Digital Electronics, VHDL and Digital Design,
Circuit Theory, Digital Communications

College Diploma in Pure and Applied Science 2012

Vanier College, Montréal, QC

Languages

English (Mother Tongue), French (Fluent, written and spoken)

Technical Skills

Programming Languages: C++, Assembly, VHDL **Self-taught:** Java, SQL, HTML, CSS

Software Packages: MS Office Suite, Eclipse, Android Studio, Git, PSPICE, MATLAB, KiCad,
Visual Studio, ModelSim, Precision RTL, Xilinx ISE

Operating Systems: Windows, Linux

Projects

Banking System (<https://github.com/skp17/BankingSystem>) 2019

- Developed a Linux command line program that simulates a banking system
- Used Doxygen to make UML diagrams and used GitHub to host the diagrams
- Used Boost libraries to store data and perform testing, and VS Code to debug program

Electronic travel aid for visually impaired persons, (Team of 4) 2016

- Designed an electronic system using ultrasonic transducers that detected obstacles 1.5 meters ahead of user and was able to notify the obstacle's exact location
- Implemented the software on a Atmega microcontroller needed to run the System
- Acquired all necessary resources such as financing and office space for the team, and ensured the project was ahead of schedule.
- Coordinated communications with externals

- Android Application for outdoorsmen, (Team of 4), (SCRUM Framework)** 2015
- Designed an App using Android Studio that displays temperature, pressure, humidity and altitude measured via a Texas Instrument CC2541 Bluetooth SensorTag
 - Implemented a SQLite database to store trip information, packing list and journal entries
 - Implemented a fitness tracker that displays distance travelled, average speed and calories burnt

Extracurricular Activities

VP Finance 2014-2016

Sustainable Engineering Concordia, Montréal, QC

- In charge of the organization's Finances which was about \$1700
- Secured funding, through SAF, for a solar power project built by SEC
- Recruited and trained 4 members in roles such as finance and management
- Continued consulting on budget and management after my departure

Work Experience

Warehouse worker 2018-2019

Just4games Inc., Montréal QC

- Fulfilled customer orders, load/unload trucks, trained new employees

Call Agent 2014

Service Center for Clients and St-Hubert Rotisseries, Montréal, QC

- Handled over 60 calls a day from clients in Quebec, Ontario and New Brunswick; Took orders, answered questions and responded to complaints from clients

Volunteer Experience

Committee member 2019

Gina Cody School of Engineering alumni chapter, Montréal, QC

- Help organize events for Concordia students and alumni
- Collect feedback from event attendees in order to improve services
- Promote and market events

Career Fair Volunteer 2019

Concordia University Career Fairs, Montréal, QC

- Helped employers set-up Wi-Fi as well as company banners and various materials
- Provided support, and responded to enquiries by students and employers
- Collaborated with university staff and security to manage line ups of 700 students
- Requested feedback from employers in order to make improvements to the fair

Web Developer 2019

Local community organization, Montréal, QC

- Built and designed a website from scratch using bootstrap