

Steven Peters

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Profile

- Electrical Engineering graduate with experience in power engineering, FPGAs, digital signal processing, image processing, MATLAB and object-oriented programming.
- Proficiency in circuit analysis, design and simulation.
- Experience with agile programming in developing Android application
- Possess great leadership skills acquired through managing team projects
- Student leader in sustainability 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, Power Electronics, Circuit Theory, Optical Devices for
High-Speed Communications, Digital Communications, Transmission Line
Theory, Control Systems

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: PSPICE, PSIM, Altium, ModelSim, Precision RTL, Xilinx ISE, MS Office Suite,
MS Project, Eclipse, Android Studio, Git, MATLAB, Visual Studio

Operating Systems: Windows, Linux

Lab Equipment: Tektronix Oscilloscope, Agilent Spectrum Analyzer

Academic Projects

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
- Defined specifications and ensured compliance through design
- Implemented the software on a Atmega microcontroller needed to run the System
- Conducted design reviews with project stakeholders
- Managed project spending and reimbursements, and produced the bill of materials
- 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 processes 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 processes distance travelled, average speed and calories burnt

Extracurricular Activities

VP Finance 2014-2016

Sustainable Engineering Concordia, Montréal, QC

- Managed the organization's Finances which was about \$1700
- Developed budget, acquired project funding through grant applications, managed spending and reimbursements
- 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

Organization Volunteer

Local community organization, Montréal, QC 2016 - present

- Created website, managed the organization's social media and special events

Alumni Chapter volunteer 2019

Gina Cody School of Engineering alumni chapter, Montréal, QC

- Helped organize events for Concordia students and alumni
- Collected feedback from event attendees in order to improve services
- Provided aid for establishing direction for committee
- Promoted and Marketed Events

Career Fair Volunteer

Concordia University Career Fairs, Montréal, QC 2019

- 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
- Helped employers set-up Wi-Fi as well as company banners and various materials