

David Huculak

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Developer Skills:

Languages: Java | C# | Assembly | HTML | CSS | JavaScript. **Technologies:** Android | Unity | JQuery | Excel

EDUCATION

CONCORDIA UNIVERSITY

Bachelor of Engineering: Software Engineering

Graduation: May 2019

- **Relevant coursework:** Java Programming, System Hardware, CPU Design, Data Structures & Algorithms, Aspect-Oriented & Functional Programming

PROFESSIONAL EXPERIENCE

COMPUTER TECHNICIAN

Freelance

2010 - Present

- Solve a range of computer issues related to the Windows OS as they arise for customers
- Have developed extensive knowledge in performance improvement, data backup, setup and troubleshooting of peripheral devices, virus removal

CAMP COUNSELLOR

Jeunesse Benny

2013 - 2015

- Entrusted with the responsibility of leading a group of 15 children over the course of a summer
- Planned daily activities and outings for group across Montreal as well as large-scale community events

PROJECTS

CELLUSCOPE (IPHONE APPLICATION)

2015

- Application developed using a clip-on microscope and image recognition service
- Scans blood samples to diagnose presence of malaria and sickle cell disease
- Created over a 24-hour period at MIT Hackathon, during which I was required to teach myself new JavaScript techniques

MYOSTRO ([UNITY PROGRAM](#))

2015

- Program designed to assist DJs by controlling several music tracks simultaneously through arm movements
- Was responsible for handling the behavior of the armband and its communication with the Unity application

TRAVELLING SALESMAN PROBLEM SOLVER ([JAVA PROGRAM](#))

2014

- Program developed in order to solve the classic "Travelling Salesman" problem
- Provides visual representation of the Ant Colony Optimization heuristic algorithm

SMS REPLIER ([ANDROID APP](#))

2011

- App written in high school which sends prewritten text messages from a cell phone as a response to missed calls
- Was required to teach myself, and become proficient in, the Android platform to create this project

SKILLS & AWARDS

AWARDS: Top Ten Projects (HackMIT @ Massachusetts Institute of Technology 2015), Copitrak Award For Computer Science (Royal West Academy Science Fair 2011)

LANGUAGES: Bilingual English and French

COMPUTER: Microsoft Office (Excel, Word, PowerPoint)