

David Huculak

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Developer Skills:

Languages: Java | C++ | PHP | HTML | CSS | Node.js. **Technologies:** Android | Unreal Engine 4 | GWT | Linux

EDUCATION

CONCORDIA UNIVERSITY

Bachelor of Engineering: Software Engineering

May 2019

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

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEERING INTERN

Nuance Communications Canada Inc.

Summer & Fall 2016

- Worked in R&D department alongside a team of senior developers following Scrum methodologies
- Learned then used both frontend and backend technologies such as CouchDB, Tomcat, Node.js, GWT, Git
- Internship extended partway, adding a second term and totalling to 8 months of full-time experience

COMPUTER TECHNICIAN

Freelance

2010 - Present

- Solve a range of computer issues related to the Windows OS as they arise for customers
- Handled issues such as performance improvement, data backup, setup and troubleshoot of peripheral devices

PROJECTS

CELLUSCOPE (IPHONE APPLICATION)

2015

- Application which uses a clip-on microscope and an image recognition service
- Scans blood samples in order to diagnose malaria and sickle cell disease
- Created over a 24 hour period at MIT Hackathon, taught myself certain JavaScript techniques in this time

MYOSTRO (UNITY PROGRAM)

2015

- Program designed for DJs which enables the control of several music tracks through movement of one's arm
- Handled the behavior of the armband and its communication with the Unity application

TRAVELLING SALESMAN PROBLEM SOLVER (JAVA PROGRAM)

2014

- Program I developed to solve the 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 a missed call
- Self-taught Android platform in order 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)