David Huculak

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Developer Skills:

Languages: Java | Javascript | C++ | PHP. **Technologies**: React | Node.js | 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, Fall 2017*

- Worked in R&D department alongside a team of senior developers following Scrum methodologies
- Contributed to multiple internal projects, including both experimental and production-ready products
- Learned and used technologies such as CouchDB, Tomcat, Node.js, GWT, AngularJS, Git
- Returned for a second and third internship, totalling to 11 months of full-time exprience

PROJECTS

CONU COURSE PLANNER [(WEB APPLICATION)](WEB APPLICATION)   *2017*

- Web application built to help students plan the sequence of courses that they will take at University
- Currently in beta phase and has been used by many students at Concordia University
- Acted as full stack developer, with significant contributions to frontend, backend, and database

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)](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)](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)](ANDROID APP)   *2011*

- App written in High School which sends prewritten text messages from a cell phone as a response to a missed call

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)