

David Huculak

350 Rue Prince Arthur O, Montréal, QC, Canada

514-475-9357 | davidhuculak5@gmail.com | github.com/Davidster | davidhuculak.com

Languages: Javascript | Java | Python | C++. **Tools:** AWS | Terraform | Express | Spring | React | Linux

EDUCATION

CONCORDIA UNIVERSITY

Bachelor of Computer Science

May 2020

- **Relevant coursework:** Java Programming, System Hardware, CPU Design, Data Structures & Algorithms, Operating Systems, Web Programming, Software Dev Process, Computer Graphics (OpenGL)

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER

Vehicle Mind Inc.

Jan. – Oct. 2018, June 2019– Present

- Worked on the backend of an AWS IoT solution written in Javascript and Java using DynamoDB, Kinesis, EC2, Lambda, Cognito, SQS, Athena, Docker, Terraform.
- Gained experience in communicating & satisfying business requirements due to a small-team work environment.

SOLUTIONS ARCHITECT

Classmethod Canada Inc.

Oct. 2018 – June 2019

- Worked on prototype projects including an IoT feedback terminal and a tweet sentiment analysis bot
- Attended various Biz Dev-related events where I assisted in presentations and networking
- Attended weekly internal training sessions and obtained AWS Developer Associate certification

SOFTWARE DEVELOPER 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 prototypes and production-ready products
- Learned and used technologies such as CSS, CouchDB, Tomcat, Node.js, GWT, AngularJS, Git

PROJECTS

NORTHERN LIGHTS VISION ([WEB APPLICATION](#))

2019

- Real-time service for notifying users about the visibility of the Aurora Borealis and related analytics

SET MY LINES ([WEB APPLICATION](#))

2019

- Web application for Yahoo Fantasy Sports players to automatically optimize their lineup

BLENDER RAMP CREATOR ([BLENDER PLUGIN](#))

2018

- Blender plugin for dynamically creating, shaping and resizing 3D models of skateboard ramps

CONU COURSE PLANNER ([WEB APPLICATION](#))

2017

- Web application used by students at Concordia University to plan their yearly course sequence

CELLUSCOPE (IPHONE APPLICATION)

2015

- App which uses a clip-on microscope and an image recognition service to analyze blood samples

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

2014

- Provides visual representation of the Ant Colony Optimization heuristic algorithm

SKILLS & AWARDS

AWS CERTIFICATION: Developer Associate

AWARDS: Top Ten Projects @ HackMIT 2015, Computer Science Award @ High School Science Fair 2011

LANGUAGES: Bilingual English and French