

# David Huculak

Toronto, ON | [davidhuculak.com](http://davidhuculak.com) | [github.com/Davidster](https://github.com/Davidster) | davidhuculak5@gmail.com

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

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## 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

*CHK PLZ Inc. (acquired by Sunday Inc. in 2021)*

*2020 – Present*

- Worked fullstack on a small team, developing an web application with multiple frontends to provide features for restaurants, bars, and hotels such as QR code payments, online food ordering and other services.

### SOFTWARE DEVELOPER

*Vehicle Mind Inc.*

*2018, 2019*

- Worked on the backend of an AWS IoT solution written in Javascript and Java using DynamoDB, Kinesis, EC2, Lambda, Cognito, SQS, Athena, Docker, Terraform.

### SOLUTIONS ARCHITECT

*Classmethod Canada Inc.*

*2018, 2019*

- Worked on prototype projects including an IoT feedback terminal and a tweet sentiment analysis bot

### SOFTWARE DEVELOPER INTERN

*Nuance Communications Canada Inc.*

*2016, 2017*

- Learned and used technologies such as CSS, CouchDB, Tomcat, Node.js, GWT, AngularJS, Git
- Contributed to multiple internal projects, including both prototypes and production-ready products

## 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