

Eli-Henry Dykhne

647-880-5359
edykhne@uoguelph.ca

<https://github.com/HenryDykhne> <https://edykhne-coop-exp.herokuapp.com/>

EXPERIENCE

Architech, Toronto — *Software Engineer Co-op*

September 2019 - December 2019

- ❖ Used Google Cloud Platform Dialogflow and Firebase to implement a voice user interface in Javascript for the Google Home as well as phone Assistant.
- ❖ Created proof of concept for an event vote visualization website using Node.js, Express, HTML, CSS and Chart.js. Visualisations updated dynamically through a connection to a Postgres database.
- ❖ Managed project branches utilizing Bitbucket and Sourcetree for version control and worked with Confluence and Jira in order to enable collaboration and communication in the team.

Discovery Academy, Richmond Hill — *Mathematics Teacher*

July 2018 - August 2018 and July 2019 - August 2019

- ❖ Taught calculus to a class of 10 students at the grade 12 academic level.
- ❖ Designed, assigned, and evaluated coursework.

Michael Garron Hospital, East York — *IT Support*

May 2018 - June 2018

- ❖ Installed windows computers and wiped hard drives.
- ❖ Wrote shell script to confirm guest wifi functionality and alert IT.

PROJECTS

Heart Attack Prediction (2019) — *Personal*

Used Scikit-Learn and Pandas to predict heart attacks from open source medical study data using support vector machines.

ICalendar Manager (2019) — *Academic*

ICalendar management website with full C based backend and Node.js frontend.

Genetic Game of Life (2018) — *Personal*

Evolutionary algorithm for evolving Conway's Game of Life creatures to approach and maintain specified size.

Course Planner (2018) — *Academic*

Course planner system that allows students to make and modify a study plan to track the completion of their degree, developed in Java.

SKILLS

Node.js (Javascript),
Express, HTML and CSS

Java, JUnit, C

Github, Gitlab, Bitbucket,
Sourcetree

Confluence, Jira

Linux, Windows, Mac

Azure ML

R, Scikit-Learn, Pytorch,
Pandas

Google Cloud Platform,
Firebase, Dialogflow

PostgreSQL

AWARDS

CEPSSC Dean's
Scholarship (2018)

EDUCATION

Bachelor of Computing,
Computer Science Honors
(Co-op)

Minor in Statistics

University of Guelph

September 2017 - Present

4.0 GPA

LANGUAGES

English (Fluent)

Russian (Conversational)