

# Jacob Erickson

## Software Engineer

jaruserickson.com  
github.com/jaruserickson  
linkedin.com/in/jaruserickson

403-998-9722  
jacob.erickson@mail.utoronto.ca

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### Skills

Python  
Java  
Javascript & ReactJS  
HTML/CSS  
Verilog HDL  
Git  
Bash  
Linux & macOS  
Adobe Photoshop & InDesign  
UML  
PostgreSQL

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### Activities and Interests

**Video Production**, YouTube technological product reviews

**Athlete**, hockey goalie, lacrosse player, slalom waterskier

**Computers**, building and maintaining computers since 2009

**Cars**, passion for performance cars and modifications

**Fan** of NHL hockey and esports

**Socks**, avid collector

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### Education

#### University of Toronto, St. George - Computer Science

SEPTEMBER 2015 - JUNE 2019

Studying for an H. BSc with a focus in Artificial Intelligence.

**Selected Coursework:** Software Design, Computer Organization, Theory of Computation, Software Tools and System Programming, Data Structures and Analysis

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### Projects

#### ytmusic - ReactJS, YouTube API

JANUARY 2017

Web application that aims to enhance YouTube's music listening experience, built during a hack night.

#### whaddit - Python, Clarifai API

JANUARY 2017

Script that uses AI to guess what subreddit a user submits based on its particular image content, built during a hack night.

#### photo tagger - Java Swing

NOVEMBER 2016 - DECEMBER 2016, University of Toronto

Application that works to index photos within the OS with tags, built for Software Design.

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### Leadership and Volunteer Experience

#### Youth Volunteer Corps, Calgary, AB - Student Volunteer

NOVEMBER 2013 - AUGUST 2015, Sir Winston Churchill High School

Volunteered at various places throughout high school, accumulating 100+ hours.

#### Graduation Video Club, Calgary, AB - President/Editor

SEPTEMBER 2014 - JUNE 2015, Sir Winston Churchill High School

Contributed to my skill and interest in video production and graphic design.