

# Jacob Erickson

## Software Engineer

jaruserickson.com  
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### Skills

Python3  
Java  
Javascript & ReactJS  
HTML/CSS  
Verilog  
C  
Git  
Bash  
Linux, macOS, Windows  
Adobe Photoshop & InDesign  
UML, Agile Development

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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

**Graphic Design**, creating in Photoshop & Gimp since 2007

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### Education

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

SEPTEMBER 2015 - APRIL 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.

#### whaddit - Python, Clarifai API

JANUARY 2017

Script that uses AI to guess what subreddit a user submits based on its particular image content.

#### 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 Experience

#### Counter-Strike, eSports Club, Toronto, ON - Web Lead

JANUARY 2017 - PRESENT, University of Toronto

Designed and currently maintaining websites built with HTML/CSS and JavaScript for both the eSports and Counter-Strike Clubs at the University of Toronto.

#### 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.