

Jacob Erickson

SOFTWARE ENGINEER

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Education

University of Toronto, St. George

Toronto, ON

H.B.Sc. IN COMPUTER SCIENCE

(3rd Year) September 2015 - May 2020

- Studying with focuses in Artificial Intelligence and Computer Vision.
- Taking a PEY (Professional Experience Year) between my third and fourth years of study.

Experience

KOMBINE AI

Toronto, ON

FULL STACK SOFTWARE DEVELOPER INTERN

May 2017 - August 2017

- KOMBINE AI is a NEXT AI and Techstars startup developing an athletic platform that aims to spread computer vision for human movement to consumers.
- Performed a major part in developing the mobile platform in React Native with Apollo.
- Developed the GraphQL Backend from the ground up with Node, Express and MongoDB, deployed on Amazon EC2.

Projects

taylor

Toronto, ON

REACT NATIVE, GRAPHQL, NODEJS, MONGODB, PYTHON, MACHINE LEARNING

August 2017 - PRESENT

- Currently in development with another Computer Science student at the University of Toronto.
- Serves to tailor the entire food ordering and eating experience to a user's personal preference. (content based recommendation system using linear regression)
- Scrapes food delivery sites that don't provide public APIs such as UberEats and Foodora for delivery availability. (Python with BeautifulSoup)
- Hosted back-end on AWS EC2, using AWS lambda for recommendation requests from either the user or the server.

ytmusic

Toronto, ON

REACTJS

January 2017

- Web application that aims to simplify and improve the music listening experience YouTube provides.

Extracurricular Activities

University of Toronto Counter-Strike Club

Toronto, ON

LEAD WEB DEVELOPER

January 2017 - PRESENT

- The University of Toronto Counter-Strike club brings the best Counter-Strike players at UofT together for our Collegiate Starleague team, while holding semesterly intramurals and community nights throughout the school year.
- Currently updating website originally built in HTML5/CSS3 and JavaScript to ReactJS, with Tabletop.js to read data from the official intramural spreadsheets

University of Toronto eSports Club

Toronto, ON

LEAD WEB DEVELOPER

January 2017 - PRESENT

- The University of Toronto eSports club aims to bring fans of any eSport together for events held throughout the school year.
- Designed and currently maintaining website built with HTML5/CSS3 and JavaScript.

Skills

- **Languages:** Java, JavaScript (ES2016+, Babel), Python, C, Verilog, Bash, GraphQL
- **Frameworks:** React Native, ReactJS, NodeJS, MongoDB, ExpressJS
- **Other:** Adobe Photoshop, Adobe Experience Design, UML, AWS EC2/S3, Git, SVN, Agile Development, *nix environments