

Eric (Yi Hang) Liu

1B Honours Computer Science and
Business Administration
Student Number: 20659082

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Summary of Qualifications

- Strong communication, leadership and teamwork skills from years of volunteering experience and leadership roles in school clubs
- Learns new concepts, languages and frameworks quickly from working on a diverse set of projects
- Thrives under pressure from experience in hackathons and projects with tight deadlines
- Strong time management and organizational skills

Education

Candidate for Bachelor of Computer Science
University of Waterloo, Waterloo ON
September 2016 – Present
Degree Expected: 2021

Candidate for Bachelor of Business Administration
Wilfrid Laurier University, Waterloo ON
September 2016 – Present
Degree Expected: 2021

International Baccalaureate Diploma
Victoria Park Collegiate Institute, Toronto ON
September 2012 – June 2016

Experience

Camp Counselor, YMCA Summer Work Exchange
July 2016 – August 2016
Worked in a team to provide recreational activities for children, developed communication skills as an exchange student.

Team Leader, Victoria Park FIRST Robotics Club
September 2013 – May 2016
Led team of high school students in competition to fully design an industrial-sized robot. Designed team website using Wordpress and PHP.

Awards

PepsiCo Pitch Competition	<i>February 2017</i>
University of Waterloo President's Scholarship	<i>May 2016</i>
Loran Award Semi-Finalist	<i>May 2016</i>
Duke of Edinburgh Award, Gold	<i>May 2016</i>
Duke of Edinburgh Award, Silver	<i>March 2015</i>
Duke of Edinburgh Award, Bronze	<i>January 2014</i>

Skills

- Most experienced and fluent in Java, Python, Javascript, HTML and CSS
- Experienced with C/C++, jQuery, Node, Express, Git, SQL, Wordpress, PHP, Flask, XML, Latex and Bash
- Worked with JavaFX, MongoDB, Android Studio, Eclipse, Amazon Web Services, Firebase and News, Twitter, Bing, Bloomberg and Indico APIs
- Highly proficient in Excel and Photoshop CS6

Projects

Newstream (PennApps XV)
January 2017
Web application using Flask, Firebase, News, Twitter and Indico APIs to aggregate trending news and Tweets and perform sentiment analysis with a user-friendly interface.

ResidenceFlow (Hack the Valley 2017)
January 2017
Web application using Node, Express, MongoDB and Python to create a platform for better administrating university residences.

Smartcard (Hack the North 2016)
September 2016
Android Wear application using Java and Firebase that sends rewards card barcodes to their smartwatch when they are near corresponding location.

Softcare
October 2015 – May 2016
Desktop application using JavaFX and SQL to better manage recreational activities for children with special medical needs.

Holland Bloorview Robotics
October 2015 – November 2015
Taught children with special medical needs LEGO robotics to provide an educational opportunity and inspire them to pursue a career in the STEM field.

Volunteering Abroad in the Amazon
July 2015 – August 2015
Joined a team of student volunteers to help build a school and clean water reservoir for an Amazonian community in Ecuador.