

Liam Vovk

17039 Duffy's Lane, Palgrave, ON L7E 3C9 | C: 519-278-0016 | liam.vovk@gmail.com

Summary

Full stack developer/data scientist with experience in database design, building scalable apps and HA systems, and structuring and deriving insight from datasets. Checkout my website at www.liamvovk.com.

Technical Skills

- React, React Native, Angular, Node, Rails, JavaScript, JQuery, HTML, CSS, Python, Locust, Java, Scala, C, R, MatLab, SQL, NoSQL, Powershell, Bash, Git
- Azure, AWS, Google Cloud Platform, Docker, MongoDB, MsSQL

Experience

Software Engineer Intern – Celestica (May 2016 – Present)

- Develop full stack microservices with seamless integration to existing tools.
- Develop custom plugins for dashboarding tool to enable more flexible data visualizations and live querying.
- Develop highly available systems in Azure.
- Perform load and availability tests using the Locust load testing framework.
- Mine and perform analysis on data from diverse sources to discover business insights. Results presented in dashboards that show key metrics to business stakeholders.
- Work on global projects with team members in the Americas and Asia.

Student – Queen's University (September 2013 – Present)

- Designed a controller for an unknown system that takes arbitrary input signals and gives fuzzy output signals. Within a team of 4 my responsibilities were to design signals for testing system properties, design a filter for cleaning noise in the output signal, and use the found system properties to derive a PID controller. All of these steps were facilitated by using MatLab.
- Developed a fully object oriented fireworks simulation (in Java) whose data was used in a JavaFX GUI to display the simulation.
- Implemented an obstacle detection algorithm for use on an autonomous sailboat built by Queen's Mostly Autonomous Sailboat Team.

Extracurricular

- Develop mobile apps for Android and iOS using React Native.
- Developed a personal website, www.liamvovk.com.
- Enjoy learning new programming languages and developing apps that simplify tedious tasks. Interested in freelance software development.

Education

Queen's University

Bachelor of Applied Science, Mathematics and Engineering (Expected graduation: April 2018)

- **Specializing in Computing and Communication with Professional Internship.**
- Cumulative GPA – 3.86.
- Dean's Scholar.
- Dean's Honour List.
- Queen's University Excellence Scholarship.