

# Liam Palmer

3B Computer Science / Applied Math / Computational Math

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## SKILLS

C++, JavaScript, TypeScript, HTML, CSS, ReactJS, Java, Git, SVN, Flux Pattern

## WORK

### Oracle Eloqua

## EXPERIENCE

Software Developer, Toronto, ON

Sept 2015 - Dec 2015

- Created a dynamic Bulk API learning tool for third-party developers.
- Leveraged the Flux Pattern with TypeScript and ReactJS to create a compartmentalized solution for this multipage bulk import/export wizard.
- Worked on a technology stack new to Eloqua R&D (ReactJS + TypeScript) and provided a report outlining best practices for future developers.

### Side Effects Software Inc

3D Software Developer, Toronto, ON

May 2015 - Aug 2015

- Built a viewport handle (C++) for manipulating cones with non-uniform angles.
- Created interactive tools for modifying a character's collision geometry and configuring the rotation limits of a ragdoll's joints.
- Developed a tool for initializing a ragdoll's joint limits from a set of animation clips.

## PROJECTS

### ACM Programming Problems

2015 - present

- Designed solutions for ACM programming problems.

### Sweet Matches

2015

- Implemented command line version of original card game Sweet Matches.

### Innovation in STEM Conference

2013

- Lectured on continuously variable transmissions and creativity in mathematics.

## AWARDS

### R.A. Wentzell Memorial Scholarship

Winter 2016

- Top male student in year three of Applied Mathematics

### Ronald G. Scoins National Scholarship

2013 - 2016

- Distinguished results in mathematics competitions.

### Dean's Honour List

2013 - 2016

- Maintaining an 87%+ average every semester.

### Beach Volleyball National Champion

2013 - 2015

- Won the Canadian Championships at 18U and 22U levels.

## EDUCATION

### University of Waterloo

Waterloo, ON, Canada

Bachelor of Mathematics

Expected June 2018

- Majoring in Computer Science, Applied Mathematics, Computational Mathematics.
- 26 total credits over 4 terms including 18 in computer science and advanced math.
- Cumulative Average 91.9%