

## Will Alley

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***A third-year Computer Engineering student seeking  
employment that will give practical experience in Software Development***

### RELEVANT SKILLS

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#### Technical Skills

- Proficient in Object Oriented Programming, Test Driven Development and project lifecycle
- Experience with Java, C, C++, Javascript, HTML, CSS
- Experience with Verilog and VHDL
- Experience with System Level Programming for Linux and Embedded Systems using C and Assembly
- Experience with Productivity Tools such as SVN, GIT, Shell Scripting and the Command Line

#### Communication Skills

- Technical Writing – extensive experience clearly and concisely capturing technical details for lab reports and design documents
- Skilled Presenter – with formal training and practice in sales and school presentations, I create concise presentations by identifying critical information and speak to groups with ease
- Effective Relationship Builder – through sales presentations, managing client events and collaborating in class projects I build rapport and create positive professional relationships

#### Design and Analytic Skills

- Apply creative thinking, breaking large problems into smaller tasks and handling unknowns using justifiable assumptions
- Use analytical/communication skills to do understand the needs of users/clients

### WORK AND VOLUNTEER EXPERIENCE

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#### Associate, Colliers Project Leaders, Kingston, Ontario

**May 2016  
to December 2016**

- Assisted 5 Project Managers by managing project finances, sub-contractors and developing internal process improvements
- Managed a large volume of tasks from multiple Project Managers using organizational skills and allocating time according the importance of each task.

#### Science Formal Art Manager, Queen's Engineering Society, Kingston, Ontario

**November 2015  
to November 2016**

- Managed finances, scheduling, and groups of 30 volunteers during planning/implementation for one of four rooms in the venue of a 500+ person event

### EDUCATION

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#### Bachelor of Science in Computer Engineering Candidate (3<sup>rd</sup> year)

**2013-2018**

Queen's University, Kingston, Ontario

### CURRENT LEARNING TOPICS

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- SQL, php, relational database design, application interfaces and embedded SQL
- Communication networks design, protocol design, introduction to sockets and socket programming
- Asynchronous sequential circuit design, GPU architecture and design, FPGA devices and CAD tools
- Node.js: synchronous/asynchronous, streams, web applications