

# JOEL BRAUN

1B Computer Engineering University of Waterloo  
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## Skills and Qualifications

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- Well-versed languages: **Java**, **C++**, **Python**, and **Bash**
- Familiar languages: **HTML**, **Javascript**, **C#**, and **CQLSH**
- Frameworks: **Kubernetes**, **Google Cloud Platform**, **Git**, **Jenkins**, and **JIRA**
- Databases: **Cassandra**, **MS SQL**, and **Oracle DB**
- Great **Problem Solving** and works well with a **Team**
- **Manages Time** for school, multiple volunteering positions, and responsibilities at home
- Good **Communication** skills
- Quick **Learner** | Self taught guitar, piano, HTML, Python, and Javascript

## Projects

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- Solely developed a third person shooter video game Fall and Winter 2018
  - Created using Java and LibGDX
  - Object oriented program that made use of inheritance
  - Custom procedural map generation
  - Created an animation and sound engine
  - Destructible terrain and damage that scales with distance
- Created a dungeon crawler video game Spring 2019
  - Worked with a team of programmers and designers
  - Created using C# and Unity
  - Designed flexible data structure for map generation and storage

## Experience

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- Performance Test Engineer    NCR Corporation Jan-Apr 2020
  - Designed and implemented testing infrastructure for
  - Deployed many Windows and Linux servers on Google Cloud Platform
  - Created many scripts to automate deployment and running tests
  - Quickly produced tests and compiled them into reports
- Summer Camp    Camp Kahquah Summer 2019
  - Successfully led groups of children through fun and enjoyable activities
  - Worked hard with a team of people to plan and run events
  - Communicated with other staff to solve problems
- Tech Crew Leader    Forest Heights CI 4 years | 2015-2019
  - Responsible for audio, video, and lighting effects
  - Led teams of 3-15 people to ensure events and activities ran successfully
  - Fixed problems under pressure
- Sound Technician    Westheights CC 2 year | 2019
  - Mixes 6-12 instruments and vocals into a strong, balanced mosaic of sound
  - Problem solving under pressure to ensure a solid, upbeat performance