

## EDUCATION

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University at Buffalo  
**Bachelor of Science in Computer Science**  
| GPA: 3.6  
| Honors: University Honors College, Dean's list

Buffalo, NY  
Graduated: May 2021

## TECHNICAL SKILLS

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### Languages

C++, Python, Java, React, JavaScript, C# scripting, Processing (p5js), SQL, Web (HTML5, CSS)

### Software & Technologies

AWS, Version Control (Git, SVN), Jira, PyTorch, Keras, Bootstrap 5, Selenium, TestNG, Catch2

## RELEVANT EXPERIENCE

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EEG Enterprises  
**Full Stack Developer**

Farmingdale, NY  
June 2021 - Current

- Implemented new audio speech recognition engines and customization options through tech stack for both Lexi and iCap Translate automated captioning products.
- Performed backend and website blue/green deploys and provided site reliability/devops support.
- Managed a docker swarm on AWS ApplicationLoadBalancer for a specialized audio speech recognition vendor.
- Integrated testing frameworks into core products and wrote a suite of unit tests to prevent regressions.

University at Buffalo

**Undergraduate Teaching Assistant** — CSE199 ("How the Internet works")

Buffalo, NY  
Aug 2018 - Aug 2020

- Improved class organization and maintained effective and ongoing communication between staff and students.
- Deepened student understanding of core concepts through assisted group discussion and out of the box thinking exercises during recitation.

Scholastic

**Quality Assurance Engineer Intern**

New York, NY  
May 2018 - Aug 2018

- Gained industry experience working in an agile environment by designing and developing automated tests using Selenium and TestNG according to provided Gherkin scenarios.
- Created automated tests that assert correct website functionality and backend responses to reduce manual testing time.

## ENGINE & PROJECTS

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### 0hp Game Engine

A powerful game engine written from scratch in Java. No external engines or graphics libraries were used. The engine has been used to compete in a variety of Game Jam events (typically 48 hours) where full games were published.

### Personal Website

<https://abhasin3.github.io/>

Showcases a variety of personal projects including video games, music visualizers, technical projects (computer vision, image color quantization, machine/reinforcement learning), and more!

## REFERENCES

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**Alan Hunt**  
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**Samuel Windwer**  
(516) 780-4048

Lead Software Engineer, EEG