

# Asif Hasan

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## Objective

To obtain a professional position in the software development industry that allows me to utilize my relevant skills and expertise, and further develop my knowledge in the field of computer science and its various technologies.

## Education

Fall 2016 - Present

**University at Buffalo**, Buffalo, NY

**Bachelor of Science in Computer Science**      **GPA: 3.7/4.0**

## Selected Coursework

Computer Science I & II(Java), Digital Systems, Data Structures(C++), Computer Organization, Algorithm Analysis, Programming Languages, Theory of Computation, Real Time Embedded Systems, Software Engineering, Data Models & Query Language, Data Mining, Machine Learning, Operating Systems.

## Skills

*Coding:* Java, C/C++, MIPS assembly, Python, Javascript, HTML, CSS, SQL, XML.

*Technologies/Environment:* Flask, React, Bootstrap, Windows, Linux, Git

## Projects

- Worked as a front-end developer in a team of five to design a responsive web app, focused on improving mental health, using vanilla javascript and flask. (*Spring 2019*)
- Implemented alarm clock, argument passing and system calls in Pintos for a group project in Operating Systems. (*Spring 2019*)
- Created a horror-themed text-adventure game with html, css and twine. (*Fall 2018*)
- Implemented Fractal Sets(Burning Ship, Mandelbrot, Julia, Multibrot) for a group project using java. (*Spring 2017*)
- Built an interpreter using Java for a stack-based bytecode language. (*Spring 2018*)
- Implemented basic operations, euclidean and hamming distance calculator using MIPS Assembly. (*Spring 2018*)
- Developed a calculator and match-3 game with GUI in Java. (*Fall 2016*)
- Designed a responsive mobile-friendly personal website using React. (*Fall 2019*)

## Awards

- Dean's List: Fall 2016 , Spring 2017, Fall 2018 & Spring 2019
- High Achiever's award in Edexcel O/A Levels.