

# Sean Rice

## **Personal:**

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## **School:**

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## **Objective:**

Obtain a challenging role in the Computer Science field which utilizes my skills learned from coursework and help the organization reach its goals.

## **Education:**

### **Rensselaer Polytechnic Institute (RPI):**

Bachelor of Science in Computer Science, RPI

May 2020

## **Related Coursework:**

### **Java AP Course:** 2014-2015

- Developed strong OOP framework

### **Data Structures:** 2016

- Utilized the strength of C++ to program robust data structures.
- Abstraction, Operation overloading, Packages, Memory management

### **Algorithms:** 2017

- Utilized and analyzed various algorithms based on performance and memory usage.

### **Computer Organization:** 2017

- Gained an appreciation for computer architecture and low level assembly programming.

## **Skills:**

### **Programming Languages:**

- C++ & C - 2 Years
- C# - 2 Years
- HTML & CSS - 2 Years
- Java – 1 Year

## **Personal Projects:**

### **8-Bit Computer:**

- Designed custom computer architecture

### **3D Game Prototyping:**

- Generic AI pathfinding for different graphs
- Real time map builder on 2D grid with 3D rendering

## **Relevant Experience:**

### **Gaston Day School, IT Assistant**

- Installed, configured, and managed server.
- Worked on computer help desk.

### **Gaston Day School, Arduino Microcontroller Class**

- Built a curriculum and taught to a middle school class.

## **Work Experience:**

**First Presbyterian Church** – Gastonia, NC - November 2015 to August 2016 – Videographer