**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