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## **ASHWIN SUBASH CHITOOR**

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### **EDUCATION**

#### **Rensselaer Polytechnic Institute**

Anticipated Grad. May 2022

Bachelor of Science in Computer Science, Minor in Business Management

#### **Billerica Memorial High School, Billerica, MA**

June 2019

High School Diploma

#### **Russian School of Mathematics**

September 2010- September 2016

Participated in an intense math course where students studied specific math subjects a year prior to what is taught in school

### **PROGRAMMING SKILLS**

Java, C++, Python, Git, Swift, HTML, CSS

### **RELATED EXPERIENCE**

Analog Devices, Wilmington, MA

July 2018- August 2018

#### *Internship*

- Designed, built, and programmed robot to test ADI sensors
- Completed full product analysis of micro-controller board prior to release
- Gave international presentation regarding projects worked on during the internship

Kumon, Billerica, MA

September 2015- August 2019

#### *Tutor*

- Assisted children from kindergarten to 12<sup>th</sup> grade in program of over 40 participants
- Corrected homework and classwork

Rensselaer Center for Open Source- Shuttle Tracker Project

August 2019- Present

- Developing and maintaining the RPI Shuttle Tracker website

HackRPI

November 2019

- Participated in a 24-hour hackathon run by RPI students

FIRST Robotics Team FRC 4909- Software Lead

September 2015- June 2019

- High school robotics team, combining the rigors of science and technology

Science League- Captain

September 2015- June 2019

- Captained a group of students from grades 9-12 that competed against teams from neighboring schools to show competency in different science subjects

### **PERSONAL PROJECTS**

Personal Website

December 2019- Present

- Used HTML, CSS, Bootstrap, and GitHub Pages in order to create a responsive personal website

CourseHub

November 2019- Present

- Automatic lecture recording system using a Flask framework, Google Storage server, and a Raspberry Pi

High Altitude Balloon Tracker

May 2019

- Programmed a Raspberry Pi with Sense HAT to automatically record atmospheric data

### **HONORS/AWARDS**

The Rensselaer Medal

June 2018

- Given to promising secondary school students who distinguished themselves in math and science

AP Scholar with Distinction

June 2019

- Granted to students who average a minimum of a 3.5 on all their AP exams

### **VOLUNTEERING**

RPI Computer Science Fall Open House

October 2019

- Talked to prospective students about the RPI Computer Science program

FIRST Lego League Mentor

September 2017- June 2019

- Mentor local robotics team for students ages 9-14