
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 12th 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