# AUSTIN CEPALIA

(203)-908-6493 | acc5989@rit.edu | austincepalia.com

## OBJECTIVE

To obtain a cooperative education position in the design, development, and testing of computing systems and software products. Available June - December 2021.

## EDUCATION

**Rochester Institute of Technology -** Expected 05/2023
Bachelor of Science in Computer Science
Presidential Scholar

## SKILLS

Programming Languages: C#/.NET (Framework and Core), Python 3, C, Java, HTML, CSS
Software: Visual Studio, VS Code, Azure DevOps, IntelliJ, Pycharm, Rider, Eclipse, VIM, Git, Arduino

## NOTABLE PROJECTS

LogicSim: Cross-platform application for simulating combinational logic circuits based on a custom, easy-to-teach hardware description language. *Built on C#/.NET Core.*
Bitter (in-development): Fully-featured, data-driven social media platform with tools for administration. *Built on Java with the Spark micro framework.*
ConsoleTowerDefense: A tower defense game that pushes the limits of the system terminal. *Built on C#/.NET Core.*

## EXPERIENCE

**Video Tutorial Author, RealPython.com.** 01/19 - Present
- Create instructional material teaching basic to advanced Python concepts, ranging from object-oriented programming to low-level memory management.
- Script, shoot, and edit high quality and engaging video courses based on written articles for 1000+ paying site subscribers.

**Virtual Instructor, ID Tech Camps.** 04/20 - 08/20
- Taught small groups of students various computing skills through Zoom in an effort to support their education during the start of the COVID-19 pandemic.
- Courses taught include Minecraft Modding with Java and Basic Machine Learning with Python.
- Adapted instructional style and material based on individual needs of students.

**Hybrid Instructor, Camp Tiger (RIT K-12).** 06/19 - 08/19
- Designed and developed a highly acclaimed workshop called "Blasting Into Computing" which introduced summer camp students to five different computing fields in five days, using industry-standard software and techniques.
- Developed additional learning materials such as daily review handouts and an online course website with HTML, CSS, and PHP for authentication.

**Junior Computer Science Instructor, LEAP.** 10/16 - 04/18
- Taught 800 inner-city children basic computer science, helping LEAP earn a 2017 Google Rise award.
- Re-invented LEAP's computing curriculum with new courses like Arduino Robotics, Unity game development, computer literacy, and online blogging.