

# Collin Tod

COMPUTER SCIENCE STUDENT

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## EDUCATION

### Rochester Institute of Technology

BACHELOR DEGREE IN COMPUTER SCIENCE

Member of the RIT Honors Program

*Rochester, New York, United States*

*2017 - 2022*

## WORK EXPERIENCE

### Coding Tutor

NEWTOWN BOARD OF EDUCATION

Spent four weeks tutoring fourth & fifth grade students how to program in Scratch.

*Newtown, Connecticut*

*July 2017 - August 2017*

### Editor & Cameraman

NEWTOWN BOARD OF EDUCATION

Filmed Board of Education meetings, city council meetings, and inter/intramural sports games. Edited resulting footage for later viewing.

*Newtown, Connecticut*

*August 2013 - July 2017*

## PROJECTS

### Pitman Shorthand Translator

[GITHUB.COM/SQUABLYSCIENTIST/PITMAN-TRANSLATOR](https://github.com/squablyScientist/pitman-translator)

A program that converts English text into Pitman Shorthand. Pulls pronunciation data from the CMU Lexicon and then displays a picture of what the shorthand would look like. Built in Java.

### Physics Program

[GITHUB.COM/SQUABLYSCIENTIST/PHYSICS](https://github.com/squablyScientist/physics)

A program that I wrote in high school to solve rudimentary physics problems and learn better practices in Java for my AP physics class. Built in Java.

## SKILLS

### LANGUAGES

#### • PROFICIENT

- Java
- Python
- Bash
- $\text{\LaTeX}$

#### • FAMILIAR

- C
- HTML/CSS
- JavaScript

### PROGRAMS / ENVIRONMENTS

- GNU/Linux
- JetBrains products
- Command Line
- Vim

## EXTRACURRICULAR

2014-2017 **Co-Captain**, Newtown High School Debate Team

2015-2017 **Treasurer**, Newtown High School Technology Team

2017 **Member**, RIT AI Club

## COURSES

2016 **CS50**, Harvard University

2017 **CSAPX**, Rochester Institute of Technology

## VOLUNTEERING

2014-2017 **Cameraman/Editor**, Newtown Board of Ed

2014 **Video Creator**, Relay for Life

## HONORS

2017-2018 **Honors Program**, Rochester Institute of Technology

2017 **Presidential Scholarship**, Rochester Institute of Technology

2016 **RIT Computing Medal**, Rochester Institute of Technology

2015-2017 **National Honor Society**, Newtown High School

2014-2017 **National Latin Award, Summa Cum Laude**, American Classical League