

Collin Tod

COMPUTER SCIENCE STUDENT

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EDUCATION

Rochester Institute of Technology

BACHELOR DEGREE IN COMPUTER SCIENCE

Rochester, New York, United States

2017 - 2022

WORK EXPERIENCE

Newtown Board of Education

CODING TUTOR

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

Newtown, Connecticut

July 2017 - August 2017

Newtown Board of Education

EDITOR & CAMERAMAN

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

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.

2017

Physics Program

GITHUB.COM/SQUABLYSCIENTIST/PHYSICS

A program that I wrote in high school to solve rudimentary physics problems for my AP physics class. Made in order to teach me better practices in Java. Built in Java

2016

SKILLS

LANGUAGES

- **PROFICIENT**

- Java
- Python
- Bash
- LaTeX

- **FAMILIAR**

- C
- HTML/CSS
- JavaScript

PROGRAMS / ENVIRONMENTS

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

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