

Collin Tod

COMPUTER SCIENCE STUDENT

☎ (203) 917-2537 | ✉ collinttod@gmail.com | 📷 squablyScientist

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

Clades Cīmicum

GITHUB.COM/SQUABLYSCIENTIST/CLADES-CIMICUM

Translates to: 'Bane of Bugs'. Rudimentary debugger that can read arbitrary memory from any process running on the current machine. Written in C

2018

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 and learn better practices in Java for my AP physics class. Built in Java.

2016

SKILLS

LANGUAGES

• PROFICIENT

- Java
- Python
- Bash
- \LaTeX
- C

• ACTIVELY LEARNING

- HTML/CSS
- JavaScript

PROGRAMS / ENVIRONMENTS

- GNU/Linux and Unix-like systems
- JetBrains products
- Vim

EXTRACURRICULAR

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

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

2018 **Publicist**, RIT AI Club

COURSES

2016 **CS50**, Harvard University

2017 **CSAPX**, RIT

2018 **Mech. of Programming**, RIT

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