

# 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

ID TECH CAMP

Spent six weeks tutoring students how to program in various languages.

*New Haven, Connecticut*

*July 2018 - August 2018*

### 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*

## 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