Collin **Tod**

COMPUTER SCIENCE STUDENT

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EDUCATION

Rochester Institute of Technology   *Rochester, New York*

BACHELOR DEGREE IN COMPUTER SCIENCE   *2017 - 2022*

Member of the RIT Honors Program

WORK EXPERIENCE

Coding Tutor   *New Haven, Connecticut*

ID TECH CAMP   *July 2018 - August 2018*

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

Editor & Cameraman   *Newtown, Connecticut*

NEWTOWN BOARD OF EDUCATION   *August 2013 - July 2017*

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

PROJECTS

Clades Cīmicum   *2018*

GITHUB.COM/SQUABLYSCIENTIST/CLADES-CIMICUM

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

Allocātor Parvulōrum   *2018*

GITHUB.COM/SQUABLYSCIENTIST/ALLOCATOR-PARVULORUM

Custom memory allocator that prioritizes space efficiency over time efficiency, succeeds at keeping the heap as small as possible. Written in C

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