

Thomas Chan

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EDUCATION

TUFTS UNIVERSITY

BS IN COMPUTER SCIENCE

Expected May 2020 | Medford, MA
College of Arts and Sciences
Dean's List
Cumulative GPA: 3.83 / 4.0
Major GPA: 3.86 / 4.0

WAYLAND HIGH SCHOOL

Grad. May 2016 | Wayland, MA
National Honor Society
Unweighted GPA: 3.72 / 4.00
Weighted GPA: 4.63 / 5.00

LINKS

GitHub:// [thomaslchan](#)
LinkedIn:// [thomaslchan](#)

COURSEWORK

Algorithms
Computational Biology
Theory of Computation
Databases
Data Structures
Discrete Mathematics
Machine Structure and Assembly
Language
Programming Languages

CONFERENCES

Developing Leaders Conference,
Tufts University, 2017
Out for Undergrad Tech Conference,
O4U, 2017
Out for Undergrad Tech Conference,
O4U, 2018

SKILLS

PROGRAMMING

Java • C • C++ • Javascript
• HTML • CSS • Python • PostgreSQL

MEDIA

Final Cut Pro • Adobe Photoshop •
Adobe Lightroom

LANGUAGE

Native English • Conversational Spanish

EXPERIENCE

TUFTS COMPUTER SCIENCE DEPARTMENT | TEACHING ASSISTANT

September 2018 - Present | Medford, MA

- Review concepts for COMP170: Theory of Computation (Fall 2019)
- Aid students in weekly assignment, recitations, and labs
- Grade homework assignments and exam questions
- Was TA for COMP40 (Fall 2018) and COMP15 (Spring 2019)

BOYCE THOMPSON INSTITUTE | RESEARCH INTERN

June 2018 - August 2018 | Ithaca, NY

- Developed a marker-pedigree hybrid visualization tool for plant breeding
- Used D3.js, HTML, Javascript, Perl, and PostgreSQL
- Assisted peers through bioinformatics workshop
- Attended weekly lectures hosted by BTI and Cornell University

ACTIVITIES

COMPUTER SCIENCE EXCHANGE | PRESIDENT

September 2017 - Present | Medford, MA

- Organized university's annual hackathon, Polyhack, for 400 students
- Wrote and defended budget of \$9,320 to student senate and allocated \$23,000 of sponsor money
- Managed general board members and oversaw meetings and planning

OSTEM | SOCIAL CHAIR

September 2017 - Present | Medford, MA

- Participated in 10-week online leadership program
- Coordinated discussion events and attended biweekly meetings
- Represented university chapter at 2019 conference in Detroit, MI.

JUMBOCODE | TEAM MEMBER

September 2017 - May 2018 | Medford, MA

- Coded application's front end for campus engineering outreach club
- Conducted unit tests for deployment with Travis CI

TUFTS DAILY | WEB EDITOR

September 2017 - May 2018 | Medford, MA

- Translated web design for publication's website into WordPress theme
- Used HTML and CSS

PROJECTS

KANTO INVADERS

- Programmed Pokémon themed Space Invaders for Advanced Placement computer science project
- Used Java

SONGWORM

- Implemented text-to-sound converter with Polyhack 2017 team
- Used HTML, CSS, and JavaScript