

# Anthony Tranduc

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## EDUCATION

**Tufts University** | School of Engineering | Medford, MA  
Bachelor of Science in Computer Science and Philosophy, Class of 2022  
GPA 3.84, Dean's List  
**Boston Latin School** | Boston, MA | Class of 2018

## TECHNICAL SKILLS

**Software/Tools:** Git, MongoDB, JIRA, VS Code  
**Languages:** Java, Python, HTML, CSS  
**Worked with:** Javascript, ReactJS, Flask

## RELEVANT COURSES

Algorithms; Data Structures; Machine Learning; Programming Languages; Object-Oriented Programming for GUI Development; Machine Structure and Assembly-Language Programming; Human Computer Interactions

## PROJECTS

**South Florida Jewish Academy** | [Github Repo](#) September 2019 – May 2020

- Student form submission system developed using ReactJS and Flask
- Unique links for parents to submit forms; Administration dashboard to manage data

**Pet Adoption Scam Detection** | GetYourPet.com June 2020 – Present

- Integrating ML.NET scam detection service into ASP.NET web application
- Service uses pet images and owner question responses to classify potential scammers

## PROFESSIONAL EXPERIENCE

**Codio** | Cambridge, MA June 2020 – Present  
*Content and Code Development Intern*

- Developing parsing API for Processing programs using an abstract syntax tree
- Creating data structure and algorithms assessments in C++, Java, and Python

**JumboCode** | Tufts University | Medford, MA May 2020 – Present  
*Software Maintainer*

- Maintain React/Flask web application codebase
- Patch bugs and assist client with deployment

*Software Developer* September 2019 – May 2020

- Code owner; Review pull requests and submit approval before merging
- Developed parent dashboards, working in React and Flask; Contributed over 30,000 additions

**Tufts Computer Science Department** | Tufts University | Medford, MA January 2020 – Present  
*Teaching Assistant* | Algorithms Course

- Lead weekly recitations of 30 students to review course material and reinforce learning
- Hold office hours to answer any homework or course-related questions

**Tufts Mechanical Engineering Department** | Tufts University | Somerville, MA June 2019 – August 2019  
*Research and Development Assistant*

Tufts Human Factors team contracted by Integrated Defense & Security Solutions

- Developed Unity sandbox to test interfacing devices

**Harvard Catalyst** | Harvard Medical School | Boston, MA July 2018 – August 2018  
*Software Engineering Intern* | Project: [Web Portal](#)

- Developed RSpec tests for Ruby on Rails research grant application service
- Updated code in response to framework upgrade

*Software Quality Assurance Intern* | Project: [Scheduler](#) July 2017 – August 2017

- Developed RSpec tests for Ruby on Rails research grant application service.
- Wrote and executed test cases; reported bugs found in software

## ACTIVITIES

Vietnamese Students' Club, Powerlifting