

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 scams

PROFESSIONAL EXPERIENCE

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

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

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

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

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

- 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
- Contributed over 30,000 lines of code; Developed parent dashboards, working in React and Flask

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

Tufts Human Factors team contracted by Integrated Defense & Security Solutions

- Developed Unity sandbox to test interfacing devices

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

- 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