Anthony Tranduc

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EDUCATION

Tufts University | School of Engineering | Medford, MA   Class of 2022
Bachelor of Science in Computer Science and Philosophy,
GPA: 3.85, Dean's List
Relevant Coursework: Data Structures, Algorithms, Machine Learning, Machine Structure and Assembly Language, Human-Computer Interactions, Programming Languages, OOP in GUI Development

PROFESSIONAL EXPERIENCE

Tufts JumboCode | Medford, MA
Technical Lead   September 2020 – Present
- Oversee development React/Django web application; Troubleshoot technical issues for team of 12 developers
- Review pull requests and submit feedback to developers

Software Maintainer   May 2020 – September 2020
- Work closely with non-profit client to deploy administration side web application
- Provide client with technical support; Maintain React/Flask application; Patch bugs

Software Developer   September 2019 – May 2020
- Reviewed pull requests and submit approval before merging into master branch
- Developed parent dashboards, working in React and Flask; Contributed over 30,000 additions

Tufts Computer Science Department | Medford, MA
Teaching Assistant | Algorithms Course   January 2020 – Present
- Tutor students on describing, analyzing, and utilizing algorithms during weekly office hours
- Lead weekly recitations of 30 students to review course material and reinforce learning

Codio | Cambridge, MA
Content and Code Development Intern   June 2020 – August 2020
- Developed auto-grading API for Processing programs using an abstract syntax tree
- Created API demo to showcase to potential client and secured client's interest in Codio
- Led sprint planning on weekly basis and daily scrum meetings for interns
- Created about 100 data structures and algorithms assessments in C++, Java, and Python

Tufts Mechanical Engineering Department | Somerville, MA
Research and Development Assistant   June 2019 – August 2019
- Researched interfacing devices for 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
- Performed long term reconciliation between test case backlogs; Reviewed and updated 100+ tests
- Wrote and executed test cases; reported bugs found in software

PROJECTS

Pet Adoption Scam Detection | GetYourPet.com   June 2020 – August 2020
- Integrated machine learning scam detection service based on pet photos into ASP.NET web application
- Developed ML.NET image classification model using transfer learning from TensorFlow model

South Florida Jewish Academy   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

SKILLS

Software/Tools: Git, MongoDB, JIRA, VS Code
Languages: C++, Java, Python, Javascript, HTML, CSS
Frameworks: ReactJS, Flask