Bradley **Boxer**

Full Stack Software Engineer

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PROFILE

Motivated 4th year software engineering student looking for an internship or co-op starting **January 2022**. Experience in:

- Full Stack Software Development
- Object Oriented Programming
- IntelliJ, Eclipse, VS Code
- Software Development Lifecycle
- Agile and Scrum
- Version Control Systems

EDUCATION

Rochester Institute of Technology B.S. Software Engineering   *May 2023*
GPA: 3.8/4.0

EXPERIENCE

Co-Op Software Engineer   *January - July 2021*
Validity, Inc

- Contributed efficient and maintainable code to *DemandTools*, an electron app for CRM data management
- Headed full stack development for an epic to revamp a key part of CRM record deduplication
- Continuously discovered and resolved existing bugs in the application to assist with QA efforts
- Extended functionality for supporting web services through new CRUD endpoints and database tables
- Created effective unit and integration tests to achieve 95% code coverage on both the front and back end
- Evaluated and interviewed potential candidates for Validity's Co-Op program, which led to two new hires

  Tools: Java, Spring Boot, JUnit, SQL, Liquibase, JavaScript, React.js, Jest, Cypress, Salesforce, Git, Jenkins

PROJECTS

Thimble Polling   *Spring/Summer 2020*
https://github.com/Bradley-B/ThimblePolling

- Designed RESTful back end server enabling polls to be stored persistently in a database
- Analyzed application domain to create an efficient relational database schema
- Added client-side graph and chart generation to display poll results to users
- Deployed on thimble.bradleyboxer.com

  Tools: React.js, Node.js, JavaScript, MySQL, JSON, Networking, REST APIs, AJAX, WebStorm, Git

Airline Flight Reservation System Engineering of Software Subsystems   *Fall 2019*

- Collaborated with a team of five to design and create a simulated flight management and reservation system
- Queried official FAA REST API for delays and weather information
- Implemented breadth-first search algorithm to compute flight connections through airports
- Wrote documentation about design patterns and principles to justify design choices

  Tools: Java, REST APIs, Design Patterns, Networking, Algorithms, IntelliJ IDEA, Git

LEADERSHIP

Course Assistant, Introduction to Software Engineering   *Spring 2020*
RIT, Software Engineering Department

- Evaluated course documents and provided detailed feedback on quizzes and assignments
- Planned and executed supplemental workshops to review important topics and concepts

Mentor   *Spring 2020*
RIT, Society of Software Engineers

- Assisted individual students with introductory computer science and software engineering coursework
- Ran group exam review workshops to efficiently cover test material