

Bradley Boxer

SOFTWARE ENGINEER

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PROFILE

Motivated software engineering student looking for an internship or co-op during **summer and/or fall 2020**.

Experience in:

- Full Stack JS Web Development
- Object Oriented Design
- Android and Mobile Development
- Subsystem Design and Architecture
- Agile and Scrum
- Version Control Systems

EDUCATION

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

May 2023

RELEVANT EXPERIENCE

Thimble Polling

Spring 2020

[HTTPS://GITHUB.COM/BRADLEY-B/THIMBLEPOLLING](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, AJAX, WebStorm, Git

Scavenger Hunt

Fall 2019

[HTTPS://GITHUB.COM/BRADLEY-B/SCAVENGERHUNTANDROID](https://github.com/Bradley-B/ScavengerHuntAndroid)

- Developed app in Android Studio to create customizable and automated scavenger hunts
- Integrated with Firebase Cloud Store database to store scavenger hunts
- Released app on the Google Play Store

Tools: Android Studio, Java, Git, Firebase, Cloud Storage, JSON

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

PROFESSIONAL EXPERIENCE

Course Assistant, Introduction to Software Engineering
RIT, SOFTWARE ENGINEERING DEPARTMENT

Spring 2020

- 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

EXTRACURRICULAR

2019-20 **Member**, Society of Software Engineers
2017-18 **Captain**, FIRST Robotics Competition Team 303

Rochester, NY
Bridgewater, NJ