

# Bradley Boxer

## SOFTWARE ENGINEER

☎ (908) 300-2095 | ✉ brad.boxer1@gmail.com | 📱 Bradley-B | 🌐 bradleyboxer | Rochester, NY

## PROFILE

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Motivated software engineering student looking for an internship or co-op during **fall 2020 and/or spring 2021**.

Experience in:

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

## EDUCATION

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

May 2023

## RELEVANT EXPERIENCE

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### 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

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### 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

## EXTRACURRICULAR

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2019-20 **Member**, Society of Software Engineers

2017-18 **Captain**, FIRST Robotics Competition Team 303

Rochester, NY  
Bridgewater, NJ