

# Bradley Boxer

## SOFTWARE ENGINEER

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## PROFILE

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Motivated second-year software engineer looking for an internship or co-op during **summer and/or fall 2020**.

Experience in:

- Object Oriented Design
- Android and Mobile Development
- Full Stack Web 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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**Scavenger Hunt** Personal Project

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, 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

**WebCheckers** Introduction to Software Engineering

Spring 2019

- Collaborated with a team of five to complete three releases
- Analyzed problem domain to follow domain driven design and agile development practices
- Documented design decisions using object-oriented principles
- Ensured application correctness through unit testing, reaching 80% code coverage

**Tools:** Spark, Java, Agile/Scrum, JaCoCo, HTML, AJAX, IntelliJ IDEA, Git

## PROFESSIONAL EXPERIENCE

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**Course Assistant**, Introduction to Software Engineering

January 2020 - Present

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**

January 2020 - Present

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