

# Bradley Boxer

SOFTWARE ENGINEER

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## EDUCATION

### Rochester Institute of Technology

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING

GPA: 3.8 2<sup>nd</sup> Year

Rochester, New York

2018 - 2023

## PROJECTS

### Scavenger Hunt, Personal Project

May 2018 - December 2019

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

- Developed app in Android Studio to create and share scavenger hunts using GPS coordinates and QR codes
- Integrated Firebase Cloud Store database to store user data. Published on the Google Play Store

### Airline Flight Reservation System, Engineering of Software Subsystems

August - December 2019

CODE AVAILABLE UPON REQUEST

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

### WebCheckers, Introduction to Software Engineering

January - May 2019

CODE AVAILABLE UPON REQUEST

- Collaborated with a team of five to create an online checkers website in Java and Spark web framework
- Implemented agile development practices including domain analysis and daily standups
- Wrote documentation about design principles to justify design choices

## EXPERIENCE

### Course Assistant, Introduction to Software Engineering

January 2020 - Present

RIT, SOFTWARE ENGINEERING DEPARTMENT

- Graded students and provided detailed feedback on quizzes and assignments
- Ran supplemental workshops to review important topics like version control and web development

### 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

## SKILLS

### LANGUAGES

Expert

Proficient

Prior Experience

Java

Python

JavaScript

HTML/CSS

C

Ruby

SQL

LaTeX

### TECHNOLOGIES

Android Studio

React

Node.js

Git

REST APIs

Jetbrains Products

GNU/Linux

Vim

### CONCEPTS

Design Patterns

Object Oriented Design

Data Structures

Version Control

Networking

Agile/Scrum

## EXTRACURRICULAR

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

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

Rochester, NY

Bridgewater, NJ