Lucas Rabenstein-Bolufer

Boston, MA
(914) 426-7444 | rabenstein-bolufer.l@northeastern.edu
Available: Jan - Jun 2024

EDUCATION

NORTHEASTERN UNIVERSITY, Khoury College of Computer Sciences **Boston, MA**
Candidate for Bachelor of Science in Computer Science **Expected May 2025**
- GPA 3.65/4.0
- Relevant Coursework: Object Oriented Design, Algorithms, Computer Systems, AI, Database Design, Math of Data Models
- Honors Program, Dean's List
- Intramural Sports: Soccer, Volleyball, Football

NEW ROCHELLE HIGH SCHOOL **New Rochelle, NY**
 Jun 2021
- GPA 3.8/4.0
- Relevant Coursework: AP Computer Science (A & P), AP Physics (1, 2 & C), Calculus 3/Differential Equations
- Top 5% of class (class rank 18)
- Programming Club President, Robotics Team, Soccer Team, Bowling Team
- National Honor Society, AP Scholar Award, Math Innovation Award

SKILLS

- Programming Languages: Java, Javascript, HTML, CSS, SQL, Python, Kotlin, PHP
- Technologies: GitHub, IntelliJ IDEA, PyCharm, PhpStorm, Eclipse, Android Studio, Azure Data Studio, VS Code, phpMyAdmin
- Languages: English, Spanish

PROJECTS

FALL DISTANCE TIMER (JAVA) **New Rochelle, NY**
High School Project **Feb 2021 - May 2021**
- Used kinematic equations from physics class to create a timer that gathers data about a free falling object
- Programmed application in Android Studio and submitted as a final class project which received an A+

COLOR TILE GAME (JAVA) **New Rochelle, NY**
Independent Project **Mar 2020 - May 2020**
- Created a single player, tile color distinction game using Android Studio
- Integrated advertisement API and published to Play Store

TIC-TAC-TOE GAME (JAVA) **New Rochelle, NY**
Independent Project **Dec 2019 - Feb 2020**
- Designed a two player tic-tac-toe game in Android Studio
- Implemented Google advertisement API, published to Play Store, and made a whopping $0.54

EXPERIENCE

WAYFAIR LLC **Boston, MA**
Software Engineer Co-op **Jan 2023 - Jun 2023**
- Participated in a collaborative, Agile environment as a valuable part of the FinTech - Cost Allocation and Credits team
- Assisted in the migration of a monolithic codebase to a modern microservice architecture, improving scalability and system agility
- Improved credits API endpoints and SQL database in order to prevent data loss during migration
- Resolved issues and improved user experience for internal business stakeholders relying on our team's APIs

DEANNA'S PIZZERIA **New Rochelle, NY**
Delivery Driver **Feb 2021 - Jul 2021**
- Drove delivery for a local pizzeria, packaged and organized orders, stocked and cleaned restaurant

TUTORING **New Rochelle, NY**
Peer Tutor **Dec 2020 - May 2021**
- Tutored two high schoolers, aiding with schoolwork and exam prep, both saw a significant increase in grades/performance

THE ROCK CLUB **New Rochelle, NY**
Belayer **May 2019 - Jul 2019**
- Worked as a belayer for both individuals and groups of climbers, arranged birthday parties and other similar events

FIRST TOUCH SOCCER ACADEMY **New Rochelle, NY**
Volunteer Coach **May 2017 - Oct 2020**
- Coached young soccer players, refereed matches, managed drills and practices, fostered appreciation for sport and teamwork