

Miles R. Clemons

milesrc@bu.edu (603) 534-7741 Boston, MA, USA <https://cs-people.bu.edu/milesrc/>

EDUCATION:

Boston University, Boston, MA Expected January 2024
Bachelor's Degree in Computer Science
GPA: 3.65 (Dean's List 2 semesters)
Related Coursework: Data Structures, Software Engineering, Computer Systems, Algorithms, Web Technology, Linear Algebra, Discrete Math, Calculus I/II, Probability, Business Analytics, Data Science Practicum, CIM, Engineering Design

PROFESSIONAL EXPERIENCE:

Boston University Residence Life, Boston, MA August 2022 - Present
Resident Assistant

- Supervise and manage floor of 45 residents in Boston University on-campus housing
- Respond to any emergencies occurring within building of 900 students when on call
- Collaborate with all 20 RAs in building to support a strong community amongst residents
- Organize two floor events per month, door to door conversations, and knowledgeable of all campus resources
- Uphold strong conflict mediation skills, and being a private and approachable resource for any student's concerns

Demoulas Supermarkets Inc, Andover, MA May 2022 - August 2022
QA Analyst

- Interned on Development QA Team in the Market Basket central data center
 - Programmed in Java and C# to automate 20% of regression testing
 - Created and executed testing scripts based off project requirements on Jira. Incorporated critique from programming manager to improve testing efficiency
 - Drafted training document for new software feature to be deployed in 90 stores
 - Analyzed and balanced POS reports for new ECRS software being deployed in all Maine and Rhode Island stores
 - Gained solid footing of software development life cycle within a business setting
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PROJECTS:

Data Science 4 Good – Housing Justice, *BU Spark!* September 2022 - Present

- Leading team of five computer science and data science students with local nonprofit *Housing Forward MA* to investigate zoning amongst MBTA communities and its impact on community development
- Presenting team's data analysis and web application in December 2022 to help guide client in deciding next action

Personal Website, *BU Hack 4 Impact Junior Dev Team* July 2022

- Coded in HTML and CSS with emphasis on career goals and personal goals

Flight Scheduling System, *Computer Systems, Boston University* October 2021

- Wrote a basic airport flight management system in C with ability to add and remove flight times, departure and arrival cities, plane capacities, and seat availability
- Emphasized on strings, structs, pointers, command-line arguments, and efficient computer memory usage

Sudoku Solver, *Data Structures, Boston University* March 2021

- Implemented a class in Java capable of representing a solvable Sudoku puzzle of any dimensions and difficulty and solve it using recursive backtracking

COMPUTER SKILLS:

Software: Git, Jira/Confluence, Excel (Intermediate), MATLAB, SolidWorks, G-Link Emulation (Beginner)

Languages: Python, Java, C, HTML/CSS (Intermediate), C#, JavaScript (Beginner)

Operating Systems: Windows 10 (Intermediate), Unix/Linux, Stratus VOS (Beginner)

ACTIVITIES:

BU Pep Band, Hack 4 Impact Junior Dev Team, BU Outing Club Trip Leader