

Abrar Zahin Jalal

jalala@bc.edu | 413-362-6798 | linkedin.com/in/abrar-jalal | github.com/abrarjalal2000

EDUCATION

Boston College, Morrissey College of Arts and Sciences Chestnut Hill, MA (Aug 2018- present)

- Bachelor of Science in Computer Science, Minor in Mathematics | Cumulative GPA: 3.589/4.000
Dean's List First Honors: Fall 2018, Spring 2019, Spring 2020 | Dean's List Second Honors: Fall 2019
- Relevant Coursework: Data Structures (Java), Logic and Computation, Computer Organization, Web Application Development (React.js), Computer Systems (C), Randomness and Computation (Python), Algorithms, Computability and Computational Complexity (Python)

WORK EXPERIENCE

Software Development Intern, Sensitech Inc. Beverley, MA (Jun 2020 – Aug 2020)

- Implemented a full stack desktop application in C# to automate QA report packages from Jira
- Designed a REST API based application utilizing asynchronous JavaScript and basic authentication
- Developed a user-friendly interface on .NET framework and Windows Forms (Frontend)
- Collaborated with a team of software engineers and quality assurance team in an Agile environment

Production Intern, Sensitech Inc. Beverley, MA (Jun 2019 – Aug 2019)

- Programmed and entered temperature monitor units into a proprietary database
- Prepared job traveler reports for each individual order of monitor units
- Packaged programmed units and sent them out to shipping department
- Implemented a more time efficient production process that increased overall production

SOFTWARE PROJECTS (see more on abrarjalal2000.github.io/portfolio/)

spotifymanager.com | Frontend Web App (React.js) (Spring 2020)

- Designed and implemented a web app that gives users more control over their music streaming experience
- Integrated with Spotify API to enable the management and creation of playlists in ways that Spotify doesn't offer
- Implemented a fully responsive UI design, making it functional and accessible on screens of all sizes

abrarjalal2000.github.io/portfolio/ | Personal Website (JavaScript, CSS, HTML) (Spring 2020)

- Developed web pages and personal content for showcasing software projects and accomplishments

Social Media Application | Frontend Web App (React.js) (Spring 2020)

- Created a mobile social media webpage that closely resembles Instagram, allowing users to view the posts of friends, upload pictures, and see one's own profile

EXTRACURRICULAR ACTIVITIES

Teaching Assistant, Boston College Computer Science Department Chestnut Hill, MA (Sept 2020-present)

- Computer Science II, Data Structures working with Java
- Graded homework assignments and held office hours for students

Boston College Computer Science Society Chestnut Hill, MA (Sept 2018 – present)

- Active member of weekly tech workshops, interview prep sessions, and mentorship program

Students For Good Initiative Boston, MA (Sept 2020-present)

- Volunteered to assist a local Black-owned business called Black Girls Nutrition
- Built a Chatbot using Google Cloud Dialogflow that can handle intake questions on organization's website
- Collaborated with a team of developers and the supervisor of the company

Youth Mentor and Tutor, Bird Street Community Center Dorchester, MA (Sept 2018 - Jun 2019)

- Tutored elementary, middle, and high school students in Math, Science, and ELA
- Created and supervised youth physical activity programs

SHEA Entrepreneurship Program, Boston College Chestnut Hill, MA (Sept 2018 – present)

- Active member and participant in the program's startup fairs and elevator pitch competitions

TECHNICAL SKILLS

Proficient: Python, Java, C, C#, Object Oriented Programming, HTML, CSS, JavaScript, JavaScript React, Bootstrap, jQuery

Practiced: SQL, Tableau, Swift, Node.js, Flask

Software Development Tools: Visual Studio, Visual Studio Code, Atom, Eclipse, Git, SQL Server

Project Management Tools: Jira, Confluence, Slack

Other: RESTful APIs, API Integration, IT certified in PC Hardware and Software