

Chloe McFarlane

Software Development Engineer | 1244 President St, Brooklyn, NY 11225 | +13477515159 | chloem627@gmail.com

Skills

Communications · Data Structures · Data Analytics · Research · Object Oriented Design · Usability Testing · Wireframing

Coding Languages: Java · Python · Javascript · HTML · CSS · React.js

Software Experience: Google Suite · Microsoft Excel · Zoom

Education

Fiorello H. Laguardia High School of Music & Art and Performing Arts

Jan '22

High School Diploma | Theatre Arts/Drama | GPA: 4

Relevant Coursework: Python

Boston University

May '26

Bachelor's Degree | Computer Science & Theatre Arts | GPA: 3.7

Relevant Course Work: Python; Java; Web Technologies (HTML, CSS, JavaScript; React.JS); Data Structures; Software Design Methodology; Constructive Speech and Presentation Skills

Work Experience

SPARK

Boston, MA, USA

UI/ UX Designer

Sep '24 - Present

- Led and executed a comprehensive user research plan, including 10+ usability test subjects and data analysis, to inform the design and development of client's website.
- Collaborated with a cross-functional team of 8 designers and developers to deliver high-fidelity wireframes, user flows, and prototypes, meeting tight deadlines and exceeding project goals.
- Resolved prototype usability errors, resulting in a 100% success rate.
- Employed self-taught Tailwind CSS skills on deadline web page, improving visual consistency and user interface clarity.

Hamlett Films

London, UK

Web Developer

Feb '25 - Present

- Mentored and provided technical guidance to multiple teams.
- Kept up to date with latest industry knowledge and news to maintain and improve company assets.
- Utilized knowledge of JavaScript and HTML to problem-solve issues with website's back end.

Projects

BigInt

Sep '24

github.com/ChloeMcFarlane/bigInt/blob/main/README.md | Java

- Addressed the limitations of Java's int data type for large integer representation by creating a BigInt class. This project involved designing a system to store and manipulate non-negative integers with up to 20 digits using an array-based digit representation

Sudoku Solver

Oct '24

github.com/ChloeMcFarlane/Sudoku | Java

- Engineered a Sudoku solver that employs recursive backtracking to find valid solutions for partially filled grids.