

ELIJAH BAPTISTE

(857) 424-7964 | elijahbaptiste79@gmail.com | <https://www.linkedin.com/in/elijah-baptiste/>

EDUCATION

University of Southern California

Los Angeles, CA

Bachelor of Science in Computer Science

August 2023-May 2027

- Relevant Courses: Intro to Object-Oriented Programming, Discrete Mathematics, Data Structures and Object-Oriented Design, Calculus 3, Intro to Embedded Systems, Introduction to Algorithms and Theory of Computing, Artificial Intelligence: Principles and Foundations

TECHNICAL SKILLS

- Programming Languages: C++, Python, C#, Java, HTML, CSS, JavaScript
- Frameworks/Libraries: TensorFlow, Keras, Pandas, Scipy, Sklearn, Express.js
- Tools: Git, Unity, Visual Studio, Jupyter Notebook

EXPERIENCE

Boston Cyberarts Gallery

Boston, MA

Leader and Assistant Instructor

July 2024-August 2025

- Produced 5 student-made game projects by instructing and mentoring 10 high school students, over 6 weeks, on Game Development, Software Development, and Unity Engine
- Achieved 100% of program's initial learning objectives by collaborating with other instructors to design and implement a curriculum

PROJECTS

Focus Room Music Mood Player

June 2025-Present

- Developed a full-stack web application using Node.js and Express.js for the backend, integrated with a MySQL database for user and music data management.
- Implemented secure user authentication and registration functionalities, allowing users to create accounts and log in.
- Integrated a facial emotion recognition AI model to analyze user mood in real-time and dynamically curate music selections.
- Utilized the Spotify API to fetch and play music, providing a personalized listening experience based on detected emotional states.

URL Shortener Web App

May 2025-Present

- Developed a full-stack URL shortener using Node.js, Express, and MongoDB, enabling users to generate and manage shortened links
- Designed and implemented a RESTful API for URL creation, improving ease of integration with third-party services
- Optimized database queries and indexing in MongoDB, reducing URL lookup time by 30%

USC Dining Hall Recipe Submission Platform

February 2025-May 2025

- Collaborating with 9 teammates to develop a full-stack web application that allows USC students to submit, tag, and vote on recipes for potential inclusion in dining hall menus
- Implemented a MySQL database, supporting efficient storage and retrieval of user-submitted recipes
- Utilizing GitHub for version control and Agile methodologies to coordinate development, track progress, and resolve issues efficiently

PROFESSIONAL DEVELOPMENT

Thrive Scholars

April 2020-Present

- Selected for a 6-year college access, college success, and professional development program for high achieving underrepresented first-generation talent
- Engaged in 6 weeks of comprehensive Career Development Programming including professional career coaching and project-based learning to hone analytical, quantitative, and communication skills