

Mohammed Hit

Boston, MA | mhit@bu.edu

EDUCATION

Boston University – Kilachand Honors College

Bachelor of Arts, Computer Science

Boston, MA

Expected May 2027

Relevant Coursework: Intro. to Computer Science II (Data Structures & Algorithms), Geometric Algorithms (Linear Algebra);

Introduction to Analysis of Algorithms (Graphs, DP, etc)

Cumulative GPA: 3.94/4.0; Dean's List Fall & Spring 2023/2024

Washington High School

Honors Diploma (Graduated Summa Cum Laude)

Phoenix, AZ

August 2019 - May 2023

Relevant Coursework: Coding Foundations, AP Computer Science Principles, AP Computer Science A

Cumulative GPA: ~5.0/4.0; multiple Honor Rolls

SKILLS

Languages: Python, Java, JavaScript, C

Technologies: Node.js, React, Express.js, SwiftUI, MongoDB, SQL (Structured-Query Language), familiar with Numpy

WORK/RELATED EXPERIENCES

Boston University

Course Assistant for CAS CS111 (In-depth Python course)

Boston, MA

Sep 2024 – Present

- Conduct dedicated office hours to assist students with Python concepts and homework
- Graded student work, providing detailed feedback on code efficacy, possible flaws/edge cases—thus helping students write better/scalable code
- Helped students understand data structures, control flows, and recursive techniques

Boston University

Telecommunications Assistant

Boston, MA

Sep 2023 – April 2024

- Worked at the Student Philanthropy Center and connected with former Boston University alumni
- Offered alumni University news, additional resources, and ways to stay connected with the University
- Gained interpersonal skills and became knowledgeable in effective communication

PROJECTS

EduConnect (SchoolApp on [GitHub](#))

Feb – April 2023

- Lead programmer for co-developed FBLA state project that allowed schools to update parents on school events, parents to update school on their student's absences, and other social media related features
- Setup an app version compatible with iOS and Android with React Native Expo (for parents) and website version with React (for school faculty); managed multiple user types, used cohesive backend API and MongoDB for storing user data

Other Small-Scale Projects

2019-2023

- E-commerce website and app bootstrap templates using React and React Native Expo with REST API backend
- Created a locally hosted short form podcasting platform using React with REST API backend

ACTIVITIES

Independent Programming

Self-guided learning

Phoenix, AZ / Boston, MA

Jan 2019 – Present

- Learned and applied programming skills and technologies by building websites, apps, and APIs
- Gained fundamental experience with full-stack development, debugging, and testing APIs

ADDITIONAL

Certifications & Training: Supervised Machine Learning: Regression and Classification, Advanced Learning Algorithms

Certificate of Arizona Technical Skills Standard

Awards: AP Scholar with Distinction (2x), Daughters of the American Revolution Good Citizen