JACK DAVIS

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EDUCATION

University of Massachusetts Boston — May 2021
Bachelor of Science in Computer Science, Minor in Mathematics — GPA: 3.7
Honors College

Course Work	Data Structures & Algorithms, Linear Algebra, Probability & Statistics, Compilers, Databases, Artificial Intelligence, Operating Systems
Software & Tools	Git, Eclipse IDE, MS Office, Vim, Linux, Google Drive, Latex, Unity
Languages	Java, SQL, Python, C & x86 Assembly, JavaScript

PROJECTS

TeXume, github.com/jack17davis/TeXume/ — August 2020-present
Resume class for LaTeX — *Personal Project*

I created a repository to share the **LaTeX** source code I use to generate my resume.

PyGames, github.com/jack17davis/PyGames/ — June 2020-present
library of checkers-style games — *Personal Project*

I took a **Python** assignment from my Artificial Intelligence course and extended it a bit further. The default computer player makes use of the A* algorithm.

WORK EXPERIENCE

Web Design Intern — January 2020-present
UMass Boston Computer Science Department

- Maintain both front-end and back-end of tutoring website that services the entire campus.
- Implement code changes and bug fixes in **Java**, **JavaScript**, and **mySQL**.
- Communicate directly with our customers to provide quality service.

Ambassador & Peer Mentor — September 2018-present
UMass Boston Honors College

- Create and manage the schedule for our team of six student ambassadors using **Google Sheets**.
- Coordinate with faculty, staff, and other ambassadors to plan and organize events for students.
- Meet with freshmen students both 1:1 and in groups to help them with scheduling, adjusting to college, and developing study skills.

Software Engineering Intern — June 2020 - August 2020
MIT Information Systems & Technology Department

- Developed, tested, and implemented best practice logging standards for 100+ **Java** applications.
- Investigated the possibility of using **python** and regular expressions for automated error reporting.
- Gained experience with REST APIs using **postman** and **curl**.

Teaching Assistant — September 2019-December 2020
UMass Boston Computer Science Department

- Facilitated lab for CS341 Computer Architecture and Design course for 70 students by guiding them through circuit and software construction on Arduino Uno minicomputers.
- Adapted course material to work online, making use of hardware simulators.

IT Lab Consultant — January 2019-December 2019
UMass Boston IT Department

- Maintain lab equipment, assist students and faculty with university software, and use creative solutions to identify and troubleshoot hardware issues.

ACTIVITIES AND AWARDS

- UMass Boston 2019 Emerging Leader Award — May 2019
- UMass Boston Track and Field Team — Fall 2017-January 2019
- Eagle Scout — June 2017