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

Languages	Java, SQL, Python, JSP, C
Software & Tools	Git, Eclipse IDE, Bash, Vim, Linux, LaTeX, Unity
Course Work	Data Structures & Algorithms, Linear Algebra, Probability & Statistics, Compilers, Databases, Artificial Intelligence, Operating Systems

INTERNSHIPS

Web Development 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**, **JSP**, and **SQL**.
- Communicate directly with our customers to provide quality service.

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**.

PROJECTS

TeXume, github.com/jack17davis/TeXume/   August 2020-present
LaTeX-based Resume Template   *Personal Project*

- Maintain 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*

- Designing a **Python** program to play variations of checkers using artificial intelligence.
- Inspired by an in-course project.

WORK EXPERIENCE

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

- Facilitated lab for 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

- Maintained lab equipment, assisted students and faculty with university software, and used 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