

# JACK DAVIS

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## EDUCATION

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### 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, MS Office, Vim, Linux, Google Drive, LaTeX, Unity

#### Course Work

Data Structures & Algorithms, Linear Algebra, Probability & Statistics,  
Compilers, Databases, Artificial Intelligence, Operating Systems

## INTERNSHIPS

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### 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

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### TeXume, [github.com/jack17davis/TeXume/](https://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/](https://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

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### 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

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- UMass Boston 2019 Emerging Leader Award
- UMass Boston Track and Field Team
- Eagle Scout

May 2019

Fall 2017-January 2019

June 2017