

JACK DAVIS

Greater Boston Area ◊ (413) 271-4254
Jack17davis@gmail.com ◊ [linkedin.com/in/jack17davis/](https://www.linkedin.com/in/jack17davis/)

EDUCATION

University of Massachusetts Boston	May 2021
<i>Bachelor of Science in Computer Science, Minor in Mathematics</i>	GPA: 3.7
Honors College	
Languages	Java, SQL, Python, JSP, Scheme, 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
<i>UMass Boston Computer Science Department</i>	
<ul style="list-style-type: none">• 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
<i>MIT Information Systems & Technology Department</i>	
<ul style="list-style-type: none">• 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	<i>Personal Project</i>
<ul style="list-style-type: none">• 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	<i>Personal Project</i>
<ul style="list-style-type: none">• 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
<i>UMass Boston Computer Science Department</i>	
<ul style="list-style-type: none">• 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
<i>UMass Boston IT Department</i>	
<ul style="list-style-type: none">• 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