

# Joshua “Jake” Bates

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## EXPERIENCE

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### Liberty Mutual Insurance | Boston, MA

Technology Associate

July 2022 - Present

- Completed 4 weeks of intensive technical training in Java, React JS, and SQL as part of Liberty’s TechStart program
- Refined the Liberty Mutual Investments Analyst Coverage Tool as part of a 6-month team assignment; Integrated tools such as BlackRock Aladdin, interfaced with LMI’s Snowflake Datamart for up-to-date holdings and ratings, and added new asset classes.

Software Engineer Intern

May 2021 – December 2021

- Led the front-end rewrite of the Enterprise Corporate Credit Card application using React JS
- Improved the Java/Spring Boot back-end of the app by adding search features and fixing broken workflows
- Continued part-time work during the academic year to develop the Payment Approval Workflow System (PAWS)

### UMass Boston | Boston, MA

PACE Intern

September 2020 – May 2021

- Worked with the IT Department to roll out Microsoft Teams across the University during the pandemic, after being selected to partake in the Professional Apprenticeship Career Experience (PACE) program at UMass Boston.
- Created training materials for users and gathered best practices from other universities in order to determine the best global policies to implement.

### Convention Data Services | Bourne, MA

Web Development Intern

May 2019 – August 2019

- Implemented custom business logic into web applications for clients from around the country to facilitate event registration and management
- Used a variety of technologies including Classic ASP, JavaScript/jQuery, and Microsoft SQL Server

## PERSONAL PROJECTS

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### Google J-Term Final Project

January 2020

Cambridge, MA

- One of fifteen UMass Boston students selected to participate in Google J-Term, a course in Android app development at Google Cambridge. Final project was a team-built Android app that displayed nearby social events one at a time. The user could swipe right and indicate interest in the event or swipe left to reject it.

## EDUCATION

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### University of Massachusetts Boston | Bachelor’s in Computer Science, Minor in Political Science

May 2022

- GPA: 3.7/4.0, Honors: *Magna Cum Laude*
- Elected *Student Trustee*, UMass Board of Trustees 2021-2022
- Elected *Budget and Finance Committee Chairman*, Undergraduate Student Government 2020-2021
- Appointed *Undergraduate Representative*, UMass Boston Faculty Council, 2019 -2020, 2020-2021
- Chancellor’s Scholarship Recipient (highest valued and most competitive merit-based scholarship for applicants)
- John and Abigail Adams Scholarship Recipient

## SKILLS

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- Proficient in React, JavaScript, Java, Python, Django, C, Classic ASP, PHP, HTML/CSS
- Relevant coursework: Algorithms, Data Structures, Databases, Programming in C, Artificial Intelligence, Software Engineering, Higher-Level Languages, Computation Theory, Compilers, and Computer Architecture