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# Joshua Bates

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## EDUCATION

**University of Massachusetts Boston** - *Intended Graduation: May 2022, GPA: 3.75, Computer Science*  
**Sandwich High School** - *Class of 2018, GPA: 4.14, Silver Scholar, Vice President, Band, Athlete*

## RELEVANT COURSEWORK AND TECHNICAL SKILLS

- Completed: CS220 Applied Discrete Math, CS430 Database Management, CS310 Advanced Algorithms, MATH260 Linear Algebra, CS210L Intermediate Computing with Data Structures, CS240 Programming in C, MATH141 Calculus II
- Proficient in Java, Python, C, Classic ASP, PHP, JavaScript, and HTML/CSS
- Trained in Android app development by Google engineers

## JOB EXPERIENCE

### **Convention Data Services** - *Web Development Intern*

June 2019 - August 2019

- Implemented custom business logic into webpages for clients from around the country.
- Used a variety of technologies including Classic ASP, Javascript/jQuery, Microsoft SQL Server, Git and Bitbucket for version control, and Jira for issue tracking

### **OpenCape Corporation** - *Intern*

June 2017 - August 2017

- OpenCape owns and operates a state-of-the-art fiber-optic network. Reported directly to the CEO and participated in a variety of projects, fieldwork, and meetings.
- Participation in Cape Cod Technology Council Meetings throughout the school year.

### **Sandwich Community Television** - *Live Broadcast Technician*

August 2014 - June 2019

- Oversaw live broadcasting of Town Meetings (Board of Selectmen, Finance Committee, and School Committee) and other special events.

## PROJECTS

### **Google J-Term Final Project** - *uBored*

January 2020, <https://github.com/jpbates13/ubored>

- 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.

## AWARDS AND POSITIONS

University of Massachusetts Boston Chancellor's Scholarship

John and Abigail Adams Scholarship (top 25% MCAS Score in School District)

Member of the UMass Boston Honors College

Undergraduate Student Government Senator, Chair of Budget and Finance Committee

Student Liaison to the UMass Boston Faculty Council

AP Scholar with Honor, The College Board