

Justin Baltazar

Software Development Engineer

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Amherst, Massachusetts
[Website](#)
[LinkedIn](#)
[Github](#)

WORK EXPERIENCE

Hack.Diversity

Software Engineering Fellow

Remote | Jan 2022 - current

- Integrated a database using MongoDB that leveraged the React architecture to yield a 25% improvement in on-demand data retrieval and manipulation.
- Designed the front-end user experience for 5 pages to fetch and displayed elements using React.js components.
- Built mock designs and wireframes for the landing page in Figma, creating 5 new UI concepts.

University of Massachusetts Amherst

Supplemental Instructor

Amherst, MA | Jan 2022 - current

- Taught two 75-minute sessions each week to reinforce learning of the fundamentals of computer science in Java.
- Devised learning material and 30 worksheets to help students refine and expand existing knowledge of programming.
- Initiated communications with professors and 3 faculty members to establish accessible assistance to students on a regular basis.

ColorStack

Sprout Program Fellow

Remote | Aug 2021 - Nov 2021

- Completed a technical project with 5 other colleagues using TypeScript, React.js, Twilio API, Git, and backend development/deployment.
- Tested software for bugs and operating speed, fixing bugs and documenting processes to increase efficiency by 18%.
- Attended 12 workshops and expert-led panels to improve technical proficiency in web development and standard practices.

InternHacks

Software Engineer Intern

Remote | Jun 2021 - Jul 2021

- Maintained the frontend by implementing bug fixes using JavaScript, which improved the responsiveness of the UI by 19%.
- Developed object-oriented code in Node.js with 100% accordance to industry and internal company standards.
- Awarded 2 awards for the best company-wide implementation and explanation of web design principles and technical stack.

PROJECTS

Personal Website

Creator and Developer

Feb 2022 - Mar 2022

- Devised a website with 4 pages featuring career achievements and past experiences.
- Developed the front-end in 2 months using HTML, CSS, and JavaScript for the back-end.
- Structured a mobile-friendly user experience with modern design principles using CSS Grids which allowed users to explore 5 projects and external links.

COVID-19 Information Dashboard

Software Developer

Jan 2022 - Mar 2022

- Architected the frontend user interface, implementing the navigation bar with links to 5 pages, element styling, and color palette using HTML, CSS and Node.js.
- Spearheaded the creation of the login page, complete with a user-friendly UI and 2 credential fields using React.js.
- Linked the frontend with the backend using MongoDB to retrieve and display over 100 images from the database.

SKILLS

- Java
- JavaScript
- HTML
- CSS
- Git
- GitHub
- React.js
- Web Development

EDUCATION

Bachelor of Science

Computer Science and Mathematics

University of Massachusetts Amherst

Sep 2020 - current

Amherst, MA

*Commonwealth Honors College
Dean's List*

Summer Program

Computer Games and Programming Skills

George Mason University

Jun 2018 - Jul 2018

Fairfax, VA

RELEVANT COURSES

- Programming With Data Structures (Java)
- Programming Methodology (JavaScript)
- Computer Systems Principles (C Programming)
- Linear Algebra Honors

CERTIFICATIONS

- Practical Data Structures and Algorithms in Java
- Learn JavaScript Course
- Learn Git Course
- The Complete C Programming Bootcamp
- Technical Interview Practice with Java Course

ORGANIZATIONS

- Technical Lead, Google Developer Student Clubs
- Project Management Officer, UMass ACM Machine Learning Research Club

AWARDS

- Full Scholarship, Richard Tapia Celebration of Diversity in Computing Conference
- Best Architectural Design Award, InternHacks