Dean Frame

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Availability: May 2023, for new grad opportunities!

Education

Northeastern University, Boston, MA   Sept 2019 - Present
Candidate for Bachelor of Science Degree in Computer Science   May 2023
Honors: University Honors Program, Dean's List, National Merit Scholarship
Relevant Coursework: Object-Oriented Design, Web Development, Computer Systems, Algorithms & Data,
Mathematics of Data Models, Database Design, Networks and Distributed Systems, Cybersecurity Foundations
Activities: Volunteer Tutor @ 826 Boston, Northeastern Pep Band, Northeastern Wind Ensemble

Arcadia High School, Arcadia, CA   Sept 2015 - June 2019
Honors: Salutatorian, Eagle Scout, California Scholarship Federation, Rotary Youth Leadership Award

Technical Knowledge

- Languages: Java, PHP, SQL, HTML, CSS/SASS, Python, JavaScript, Go, GraphQL
- Systems/Technologies: React, Node.js, JUnit, MongoDB, Express, Bootstrap, Git, GitHub, Agile, Scrum

Experience

Software Engineering Co-op   Jan 2021 - Aug 2021
Wayfair LLC, Remote
- Built internal web application using React, PHP, MS SQL Server, PHPUnit to visualize how a complex
  algorithm selects product images. Owned project from start to finish: drafted technical implementation
  proposals, scoped project into tickets for agile development, and presented application to stakeholders
- Implemented caching system with PHP to improve product image algorithm performance by 75%
- Contributed to refactoring of 10,000+ line god object into separate services using OOP design patterns

Teacher Assistant for Discrete Structures   Sept 2020 - Dec 2020
Khoury College of Computer Sciences, Boston, MA
- Cultivated student comprehension of discrete mathematics concepts by hosting 5+ office hours per week
- Evaluated student performance by quickly and accurately grading assignments and examinations

Projects

Bookworm   Dec 2021
- Created a webapp using React, Express, Node.js, and MongoDB to allow users to create and share reading
  lists as well as easily view book and author information
- Utilized the Google Books API to allow users to easily search for books and save them to their reading list

Holly Avenue Elementary School PTA Website   July 2020 - Dec 2020
- Designed a website using HTML, CSS, JavaScript, and Bootstrap for a local elementary school PTA
- Utilized Google Translate API to ensure website was readable for school parents who didn't know English

Interests: Volunteering, Teaching, Drums, Drum Corps, Indoor Percussion, Hiking, Soccer, NFL, NBA