

Dean Frame

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Availability: July - August 2021

Education

Northeastern University, Boston, MA

Sept 2019 - Present

Khoury College of Computer Sciences

May 2023

Candidate for Bachelor of Science Degree in Computer Science

Honors: University Honors Program, Dean's List

Relevant Coursework: Object-Oriented Design, Computer Systems, Algorithms & Data, Mathematics of Data Models, Database Design, Honors Discrete Structures, Accelerated Fundamentals of Computer Science 1 & 2

Activities: Volunteer Tutor @ 826 Boston, Code 4 Community Member, Northeastern Pep Band Member

Arcadia High School, Arcadia, CA

Sept 2015 - June 2019

Honors: Salutatorian, California Scholarship Federation

Activities: Drumline (student leader, placed top 3 in national competitions), Boy Scouts (Eagle Scout)

Technical Knowledge

- Languages: Java, PHP, SQL, HTML, CSS/Sass, JavaScript, GraphQL, C, Swift, Python, x86 Assembly
 - Systems/Technologies: React, JUnit, PHPUnit, Node.js, Bootstrap, Git, GitHub, Jira, Windows, Mac, Debian
 - Software: IntelliJ, PHPStorm, Eclipse, Visual Studio Code, Azure Data Studio, Vim, PyCharm, Spyder
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Experience

Software Engineer Co-op

Jan 2021 - June 2021

Wayfair LLC, Remote

- Implemented caching system using PHP to improve image selection algorithm performance by 75%
- Built internal tool with React, Sass, PHP to display storefront image selection logic to marketing teams
- Contributed to refactoring of 10,000+ line god object into separate services using OOP design patterns

Teacher Assistant for Discrete Mathematics

Sept 2020 - Dec 2020

Khoury College of Computer Sciences, Boston, MA

- Cultivated student comprehension of material by hosting 5+ office hours per week
- Evaluated student performance by quickly and accurately grading assignments and examinations

Volunteer Web Developer

July 2020 - Dec 2020

Holly Avenue Elementary School, Arcadia, CA

- Designed a website using HTML, CSS, JavaScript, and Bootstrap for the school PTA
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Projects

Excellence- the Easy Animator

June 2020

- Developed GUI-based animator application using Java Swing, MVC for Object-Oriented Design class

Personal Website- (in progress)

Sept 2020 - Present

- Implemented a personal website using Three.js, HTML, CSS to showcase projects and links
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Interests: Volunteering, Teaching, NFL, NBA, Drums, Drum Corps, Indoor Percussion, Hiking