

Jack Blanc

Available: May 2020 - December 2020 | 885 Rubis Drive, Sunnyvale CA 94087 | 278 Parker Hill Ave, Boston MA 02120
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Education

Northeastern University, Boston, MA

September 2017 - April 2021

Khoury College of Computer Sciences

Candidate for Master of Science & Bachelor of Science in Computer Science, Minor in Business Administration

Relevant Courses: Algorithms (graduate-level), Computer Systems (graduate-level), Object-Oriented Design, Cybersecurity, Discrete Structures, Database Design, Data Collection Integration and Analysis

Honors/Awards: 3.6/4.0 GPA, Dean's List Fall 2017, Fall 2018

Projects: Code4Community (Vue, Java), Dash (React, Firebase), Animator (Java), Music Chart Analysis (R)

Computer Knowledge and Skills

Languages: JavaScript (React & Vue), Java, PHP, Python, GraphQL, SQL, R, CSS, C++

Software: GitHub, Trello, Jest, Apollo, Cypress, AWS (EC2, EBS, Amplify), VSCode, PHPStorm, IntelliJ, RStudio

Relevant Experience

Wayfair Boston, MA

July 2019 - Present

Software Engineering Co-op

- Lead developer of a full-stack checkout flow for purchasing furniture assembly services and protection plans using React, GraphQL, PHP, and SQL; generating an estimated annual \$4M in revenue for the company by supplementing sales as the only method of purchasing products outside of standard checkout
- Led planning of future developments on this project, architecting a proposal to add the ability for customers to schedule their furniture assembly during checkout, to integrate with additional suppliers, and to expand this feature to our native mobile apps
- Acted as team's stability engineer in monitoring the health of our integrations and solving bugs on the fly to ensure the team's integrations functioned reliably for our customers, suppliers, and other Wayfair teams
- Staying on part-time throughout the Spring semester (January-April) to continue driving the project forwards

Code4Community (c4cneu.com, github.com/code-4-community)

May 2019 - Present

VP of Testing and Security, Co-Founder

- Student organization within Khoury College at Northeastern focused on developing and maintaining software solutions for non-profit organizations; our first two community partners are Lucy's Love Bus and Speak for the Trees
- Responsible for effectively managing a team of 14 members across three full-stack projects using Agile methodologies
- Delegated responsibilities across our tech stack, including Vue and Java (Vert.x, jOOQ) for c4cneu.com; Cypress, Jest, JUnit, and Mockito for testing, AWS and Docker for continuous deployment, for all C4C projects
- Led two workshops attended by over 60 people each on software engineering testing techniques and cybersecurity in large-scale deployed applications; planning two more for the Spring on writing a resume and Amazon Web Services

Projects

Dash (dash.jackblanc.com, github.com/jackblanc/academic-dashboard)

June 2019 - Present

- Dash is a to-do list webapp built for students to help them better organize and plan their work by tracking grades and GPA data in real-time, enabling more impactful assignments to be prioritized over others
- Built using React, Redux, Firebase, React-Router and Material UI

Finito Boston, MA

September 2018 - January 2018

- Created business plan for a "modern syllabus" platform to increase student productivity by providing a calendar and to-do lists with all course assignments, synced with an up-to-date version of the syllabus held by professor
- Placed 2nd of 60 teams competing in the Northeastern Entrepreneurship Club's Husky Startup Challenge, a pitch competition entered by over 150 students each semester

Interests

Health and Fitness, Photography and Cinematography, Meditation, Music, Travel, Beaches