

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 - Present

Khoury College of Computer Sciences

Expected Graduation: April 2022

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

Relevant Courses: Algorithms (graduate-level), Computer Systems, 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, CSS, PHP, SQL, R, Python

Software: GraphQL, Jest, Apollo, Cypress, AWS (EC2, EBS, Amplify), Docker, Firebase, VSCode, GitHub, Trello

Relevant Experience

Wayfair Boston, MA

July 2019 - Present

Software Engineering Co-op, Software Engineer I (Part-Time)

- Led development 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 being the only supplemental sales method to standard checkout
- Planned future developments for this project, architecting proposals to give customers the ability to schedule their furniture assembly during checkout, to integrate with additional suppliers, and to expand to native mobile apps
- Acted as team's reliability engineer, monitoring the health of our integrations and solving bugs on the fly, to ensure proper and reliable integration functionality for our customers, suppliers, and other Wayfair teams
- Staying on part-time throughout the Spring semester to drive the project and others 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
- Effectively managed a team of 14 members across three full-stack projects using Agile methodologies
- Architected development across our tech stack in all C4C applications: Vue and Java (Vert.x, jOOQ) for c4cneu.com; Cypress, Jest, JUnit, and Mockito for testing; AWS and Docker for continuous integration and deployment
- Led two workshops attended by over 60 people each on software testing techniques and cybersecurity in large-scale deployed applications; planning two more on writing a resume and Amazon Web Services

Projects

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

June 2019 - Present

- Developed a to-do list webapp built specifically 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 2019

- 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

Interests

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