

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

Work Experience

Wayfair Boston, MA

July 2019 - Present

Software Engineering Co-op

- Developed 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
- Led planning of future developments on this project, architecting a proposal to add the ability for customers to schedule their furniture assembly during checkout and to integrate with additional suppliers
- 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 and suppliers
- Staying on part-time throughout the Spring semester (January-April) to continue driving the project forwards

SpotOn, Inc. San Francisco, CA

August 2017 - September 2017

Social Media Marketing Intern

- Created content under the Chief Marketing Officer and posted to the company's Facebook and Twitter accounts
- Drove sales via social media by gathering useful data on over 1000 small businesses to help deliver greater results

Projects & Leadership Experience

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 15 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

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