BLAKE R. ZIMMERMAN

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EDUCATION:

Stevens Institute of Technology, School of Systems and Enterprises — Hoboken, NJ — May 2019
Major: Software Engineering
Minor: Computer Science
GPA: 3.45
Scholarships: Edwin A. Stevens Scholarship, Scholars of Excellence

SKILLS:

Languages: TypeScript, JavaScript, HTML, CSS, Sass, Python, Java, C, C++, Elm, F#

Frameworks & Technologies: React, GraphQL, Node.js, Webpack, Redux, Jest, Angular, RxJS, Docker, SQL, NoSQL, Kafka, Passport.js, D3, Git, Splunk, Event Sourcing, Kubernetes, Jenkins

WORK EXPERIENCE:

Walmart, Intelligent Retail Lab — Hoboken, NJ
Software Engineer III — Mar '18 – Present
- Implemented, tested, and maintained microservices and web applications to drive innovative in-store experiences for Walmart
- Developed a service to convert real-time RTSP video to HLS and serve it to the web client with only a 3 second delay
- Pioneered a tree-shakable UI component library to facilitate sharing between the company's front-end developers
- Designed an internal React library for managing shared state in multi-window web applications

Jet.com, Platform Tooling, Order Management — Hoboken, NJ
Software Engineering Intern — Jan '17 – Dec '17
- Built a visualization tool for Jet's internal telemetry logging system using Typescript, React, and D3
- Developed an Angular 4 front-end from the ground up for a new internal tool that shows divergence between Event Store clusters
- Implemented real-time notifications in the catalog management web application using SignalR, RxJS Observables, and F# microservices
- Rewrote the authentication system for the catalog management web application to be stateless using Node.js and Passport.js
- Built a micro-scale version of the Jet.com website to demonstrate system architecture for new hires (front-end in Angular 2, back-end in Web API 2.2 using F#)
- Developed and deployed production level features to customer service, order management, and catalog management web applications

BAE Systems, Electronic Systems — Wayne, NJ
Technical Intern II — Jan '16 – Aug '16
- Developed a web-based interface for a codebase health and metrics tool
- Implemented and tested embedded software for Software Defined Radios
- Used scrum and continuous integration to improve projects
- Set up, deployed, and maintained a server cabinet

ACTIVITIES:

Stevens Software Engineering Club, Co-Founder & President — 2018– 2019

Alpha Phi Omega, National Service Fraternity — 2015 – 2019

Boy Scouts of America, Eagle Scout — 2003 – 2014

Personal Projects, www.github.com/blakezimmerman — 2015 – Present

US Citizen – Available to Work Immediately