

BLAKE R. ZIMMERMAN

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- EDUCATION:** **Stevens Institute of Technology**, School of Systems and Enterprises Hoboken, NJ
Major: Software Engineering Expected May 2019
Minor: Computer Science
GPA: 3.42
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, Webpack, Redux, Node.js, Jest, Angular, RxJS, Docker, MongoDB, CosmosDB, MySQL, Passport.js, D3, Git, Event Sourcing, Kubernetes, Jenkins
- WORK EXPERIENCE:** **Store No. 8**, Stealth Team Hoboken, NJ
Software Engineer 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 with only a 3 second delay
 - Pioneered a 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– Present
Alpha Phi Omega, National Service Fraternity 2015 – Present
Boy Scouts of America, Eagle Scout 2003 – 2014
Personal Projects, www.github.com/blakezimmerman 2015 – Present

US Citizen

Available to Work: June 2019