

# BLAKE R. ZIMMERMAN

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- OBJECTIVE:** To learn as much as I can about new technologies, and further improve as a software engineer
- EDUCATION:** **Stevens Institute of Technology**, School of Systems and Enterprises Hoboken, NJ  
**Major:** Software Engineering Expected May 2019  
**Minor:** Computer Science  
**GPA:** 3.308  
**Scholarships:** Edwin A. Stevens Scholarship, Scholars of Excellence
- Major Subjects:** Algorithms, Web Programming, Human Computer Interaction, Object-Oriented Software Engineering, Data Structures, Agile Methods for Software Dev, SW Requirements Analysis & Engineering, Introduction to Computer Science, Differential Equations, Calculus 1-2, Discrete Math, Probability and Statistics, Engineering Design I-V, Introduction to Nanotechnology
- SKILLS:** **Languages:** JavaScript, TypeScript, HTML, CSS, Sass, Python, Java, Elm, F#, C++
- Frameworks & Technologies:** React, Angular, Webpack, Redux, RxJS, Node.js, Passport.js, MongoDB, D3, Git, Jenkins, Event Store, MySQL
- WORK EXPERIENCE:** **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 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
- Stevens Institute of Technology**, Division of Information Technology Hoboken, NJ  
*Learning Technology Assistant* Jan '15 – Dec '16
- Created 3D models of classrooms in preparation of renovations
  - Assisted with campus presentations
  - Provided AV support in classrooms
- ACTIVITIES:** **Alpha Phi Omega**, National Service Fraternity 2015 – Present
- Boy Scouts of America**, Eagle Scout 2003 – 2014
- Over 500 hours of Community Service
- Personal Projects**, [www.github.com/blakezimmerman](http://www.github.com/blakezimmerman) 2015 – Present

US Citizen

Available to Work: June 2017 – August 2017