

# Justin Ziegler

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, GA

*Expected Graduation: May 2020*

**Major GPA: 3.60 : Major:** Computer Science with a focus on Information Internetworks and Media

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## RELEVANT EXPERIENCE

**Asurion**, Backend Software Engineering Intern, Nashville, TN

*May 2019 – August 2019*

- Worked with the Spring Framework and Axon to create a Kotlin micro-service using a Command-Query Responsibility Segregation Architecture
- Designed the micro-service to communication both synchronously (using HTTP endpoints and a rest API) and asynchronously (using Java Messaging Service and AWS Simple Notification Service and Simple Queue Service)
- Worked with an existing AWS-hosted automated deployment pipeline and worked with the Dev Ops team to integrate the new micro-service into the existing AWS CodeBuild and CodeDeploy pipeline

**Lockheed Martin Corp.**, Software Engineering Intern, Grand Prarie, TX

*May 2018 – August 2018*

- Created an all-encompassing test suite for the Multiple Launch Rocket System (MLRS) family of launchers that can provide simulated feedback for hundreds of customizable test scenarios
- Developed and wrote system level requirements for a major upcoming Lockheed Martin product
- Worked on the Risk and Opportunity Management Board to identify risks and/or opportunities on our program

**Commissions Inc.**, Software Engineering Intern, Marietta, GA

*May 2017 – July 2017*

- Created “back office” tools using SQL Server 2008 and C# that streamlined database work for client-facing support teams and optimized developer work streams by several hours
- Maintained a 0% downtime and less than 24 hour life-cycle for medium-to-high priority bugs as a team

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## SKILLS

**Computer Skills:** Windows, Linux, and OSX Development Environments, Amazon Web Services, IntelliJ IDE ecosystem

**Programming:** Java, C#, C/C++. Go Lang, Python, JavaScript, HTML, SQL, MongoDB, XML, CSS, .NET Framework

**Web Development:** Developed multiple full-stack web applications in Java, C#, and Go that have been gone through scaled deployments on various AWS services including ECS and Fargate.

**Mobile App Development:** Developed multiple multi-platform applications for use in school and work environments, mostly related to DevOps feature implementations and user feedback.

**Language Skills:** English (Fluent), French (Basic Writing and Speaking)

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## LEADERSHIP

**Lambda Chi Alpha Fraternity**, Georgia Institute of Technology

*August 2016 – May 2019*

*Standards Chair*

- Upheld the quality and integrity of the officers of the fraternity by reviewing officer performance
- Worked individually with each officer to prepare them for their annual officer reports
- Acted as a liaison between the local fraternity, alumni, and national representatives

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## RELEVANT PROJECTS

**CNCPT** – Chief Technical Lead – A mobile platform for connecting thinkers, talented freelancers, and investors

**Sidekick** – Technical Consultant – A limited-distribution marketing platform designed by students for students

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## PERSONAL

**Traits:**

- Highly analytical, leadership abilities, presentation skills, quantitative and qualitative reasoning, self-motivated, work well in teams, logical, self-sustainable, able to replicate and reproduce issues as to produce better solutions

**Interests:**

- Traveling, biking, exploring, driving, golf, ultimate frisbee, soccer, volleyball, and generally being outside
- Working in maker studios and creating interesting projects like smart mirrors and other smart devices

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## OTHER

**Security Clearance:** As of May 2018 I held a Secret level DoD Security Clearance while working for Lockheed Martin