Justin Ziegler

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Permanent Address:
1303 Oconee Springs Drive
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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
Radnor Senior High School, Radnor, PA   *September 2012 – June 2016*
  GPA: 3.86/4.00 – 4.11 Weighted – Distinguished Honor Roll Freshman, Sophomore, Junior Years

RELEVANT EXPERIENCE

Lockheed Martin Corp., Software Engineering Intern, Grand Prairie, TX   *May 2017 – Present*

- Programmed in C++ and C# to develop 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
- Worked with and analyzed tactical launcher code to accelerate development of the testing suite and related projects
- Developed and wrote system and sub-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*

- Programmed primarily in C# and JavaScript as a dotNet web developer
- Created "back office" tools using SQL Server 2008 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 lifecycle for medium-to-high priority bugs as a team

Engineering Summer Academy at the University of Pennsylvania, University of Pennsylvania   *July 2015*

SKILLS

Computer Skills: Windows, Linux, and OSX Development Environments, Visual Studio 2017, SQL Server 2008+, PostGres, Cloud Firestore (Google Firebase), IBM DOORS Requirements Management Software, Microsoft Office
Programming: Java, C#, C/C++, Go lang, Python, JavaScript, HTML, SQL, XML, CSS, .NET Framework, Visual Basic
Web Development: Experienced in both static webpage design and full-stack web development on a scalable architecture
Android App Development: Developed many personal projects including, but not limited to, a multi-user synchronous augmented reality application supported on multiple platforms

LEADERSHIP

Lambda Chi Alpha Fraternity, Georgia Institute of Technology   *August 2016 – Present*
Standards Chair   *January 2017 – December 2017*

- o Led and upheld the quality and integrity of the officers in the fraternity by reviewing officer performance and working individually with each officer to better themselves personally and for the office
- o Acted as a liaison between the local fraternity, alumni, and national representatives

Technology Chair   *January 2017 – December 2017*

- o Created the fraternity's website
- o Grew the responsibility of the role by also automating many processes across the fraternity, all of which have improved efficiency and helped the fraternity to interact with more individuals on campus

RELEVANT PROJECTS

Sidekick – A limited distribution CraigsList for college students, GoBuffalo, Smart Mirror, Word Clock

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

Security Clearance:

- As of May 2018 I have a Department of Defense Secret Level Clearance