

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: Computer Science with a focus on Information Internetworks and Systems Architecture

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

Engineering Summer Academy at the University of Pennsylvania, University of Pennsylvania

July 2015

- Worked on multiple term projects that included designing recursive graphical designs, decoding text files containing primate genetic libraries, and the final project was to create a series of mini-games that were integrated into an overall game.
- *Gene Project:* Worked with File I/O and data parsing techniques to map the genomes of apes and compare them to that of humans, attempting to spot genetic mutations.

HackGT, Georgia Institute of Technology

September 2016

- Created a Full-Stack JavaScript framework to build our web-based mobile application on
- *Virtual Aux:* An application designed to allow party goers to select and queue up music on the host's phone

Morning Talk, Radnor High School

November 2015

- Android based application written in Java using Android Studio and Google Development tools and API's
- Communicates with news API's to share specified information when an alarm goes off, for example a Wall Street floor trader has an alarm set to go off at 8:30am and provide him with financial news before the market opens.

GT WebDev, Georgia Institute of Technology

September 2016 – Present

- Student-run organization that educates students on various practices and languages including HTML, CSS, JavaScript, and many of it's libraries: Node.js, React.js, Angular.js, React Native for mobile solutions.

GT Big Data, Georgia Institute of Technology

September 2016 – Present

- Student-run org. that uses weekly examples and tutorials to introduce students to the basic foundations of big data

SKILLS

- **Computer skills:** Java – HTML – CSS – FSharp (F#) – JavaScript – Node.js, Adobe Illustrator, Adobe Photoshop
 - **Building Computers**, Built numerous custom PCs running on Windows, Linux, and Windows Server.
 - **Android Applications**, 2 In-progress applications, primarily based on social media and statistical analysis.
 - **Web Development**, *Personal Website*, *Faux Business Website*
 - **PC Applications**, Test-Making software for Teachers, Text Compactor, Simple Browser, GroupMe Bot
- **Small Electronics:** Basic Schematics, Wiring, Soldering, Basic Circuitry.

PERSONAL

Traits:

- Highly analytical, leadership abilities, presentation skills, quantitative and qualitative reasoning, self-motivated, work well in teams, logical, and able to synthesize ideas and solutions.

LEADERSHIP

Lambda Chi Alpha Fraternity, Georgia Institute of Technology

August 2016 – Present

Physics Olympics, Radnor High School

October 2014 – April 2016

- Utilized physics concepts in a competitive environment to solve difficult problems and create unique solutions
- Further strengthened teamwork among students as many competitions require intense communication and harmony

Varsity Squash Team, Radnor High School

November 2012 – March 2016

Captain

- Introduce students and teammates to a competitive environment while maintaining proper sportsmanship on the court
- Participated on both the regional and national stages
- Awarded the Wick Clothier Award for demonstrating leadership, integrity, and the characteristics of a lasting legacy

Model United Nations, Radnor High School

May 2013 – March 2016

- Worked with fellow teammates and individuals from around the world to create solutions to current and historical issues in society while following committee protocol and proper parliamentary procedure.
- Won the Award of Excellence at the National High School Model United Nations Conference in New York for exemplary performance and teamwork with committee members.

Varsity Golf Team, Radnor High School

August 2012 – October 2012, August 2014 – October 2015

- Introduced new teammates to a competitive environment while maintaining proper sportsmanship on and off the course