

# Justin Ziegler

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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

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

*December 2016 – July 2017*

**HackGT**, Georgia Institute of Technology

*September 2016*

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

**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 its 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

**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.

**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.

## 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 music playing.
  - **Web Development**, Personal Website, Faux Business Website, Web Crawler
  - **PC Applications**, Test creation 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*

**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