WILL SAID

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EDUCATION

Georgia Institute of Technology | ***4.00 GPA*** *August 2017 – May 2020 (Expected)*

- Awarded the Zell Miller Full-Tuition Scholarship to pursue a B.S. in Computer Science with a concentration in AI
- Relevant Courses: Data Structures and Algorithms (A), Artificial Intelligence (A), Computer Organization (A), Object-Oriented Programming (A), Objects and Design (A), Discrete Math (A), Linear Algebra (A), Calculus 1, 2, 3 (A, A, A), Systems and Networks (current), Machine Learning (current), Probability and Statistics (current)

Druid Hills High School | *4.00 GPA* *August 2014 – May 2017*

- Dual-enrolled at Georgia State (4.11 GPA, 51 credits, President's List), Georgia's STAR Award for highest SAT and GPA

SKILLS

- *Preferred Languages:* **Java, Swift, Python, C**
- *Technologies:* iOS, AI, ML**,** Unix shell, NoSQL, SQL, Networks, Web, Arduino, Assembly, APIs, LaTeX, UI/UX, Git

PROFESSIONAL EXPERIENCE

Hearatale at Augusta University **|** *Software Engineer* *May 2018 – Current*

- **Leading 10 teams of 6 engineers each** in the technical design and implementation of 10 different iOS, Android, and Web apps aimed at improving childhood literacy rates
- **Developed *Brainy Phonics* *(App Store Link)*,** a children's game that teaches phonetics with illustrations, voices, and animated text
- Increased a group of 459 at-risk kindergarten students' literacy scores from the 27th to 47th percentile; 3 years later, these same students failed less than half as often as their peers, 7.6% vs 16.13%

Generation Orbit **|** *Flight Software Intern* *August 2018 – December 2018*

- Developed flight software for the **X-60A hypersonic rocket traveling over Mach 5** that air-launches cargo into space
- Wrote packet forwarding scripts in Python to pass radio telemetry data between rocket nodes and the ground during flight
- Performed machine learning and data manipulation on multi-dimensional Mach, Alpha, and Beta interpolations

CodeMettle **|** *Software Engineer Intern* *May 2018 – August 2018*

- Spearheaded implementation of Satellite software for a Network Management System
- Shipped code to Bell TV and the US Army for device translators coded in Python that orchestrate satellite firmware over SNMP
- Wrote automation scripts in Python and the Unix shell that polled network devices and then displayed that data on a Web UI

PROJECTS

MealMe **|** ***App Store Link*** *February 2018 – Current*

- Leading a team of engineers at MealMe, the social platform for food that integrates restaurant discovery, delivery, and booking
- Built the iOS app in Swift using AI for food discovery, a real-time NoSQL database for storage, and REST API calls through commissioned partnerships with Postmates delivery and OpenTable reservations in order to add functionality to posts
- **1st place winner of the GT iOS Demo Day**, startup member of **Emory University's Entrepreneurial Excellerator**, The Pitch the Summit Competition Finalist, and granted honorary office space at the prestigious **Atlanta Tech Village**

Mideo **|** ***App Store Link*** *May 2018 – August 2018*

- Leading a team of iOS and Android developers to pioneer a technology that changes the way we use video and music together
- Version 1 initially received less than 3 downloads a day on the App Store; following a 100% free and comprehensive marketing campaign the app **acquired 20,000 users the first week** and now has thousands of daily active users
- Developed the iOS version which **Ranks Top 100 on the App Store with thousands of dollars in monthly revenue**

Barbell Loader | ***App Store Link*** *November 2017 – Current*

- Optimized training for athletes with this iOS app that computes weightlifting math for you, with **thousands in annual profits**
- Implemented the world's first reversible Sinclair and Wilks calculator along with other calculations that track progress

Spotify Alarm Clock | ***App Store Link*** *October 2018 – Current*

- Designed and implemented the first iOS app to use Spotify music to wake you up
- Built in Swift using Spotify's iOS SDK and Web REST API, a Node.js Heroku Auth server, Firebase, Codable, and CoreData
- Ranked **Top 100 on the App Store the First Day** of release with 587 downloads

Investing Bot *July 2018 – Current*

- Created a Python application that performs quantitative financial analysis and automates trades on securities and derivatives
- Performs Stock predictions and Portfolio optimizations using Machine Learning and Statistics to generate thousands in profits

EXTRACURRICULARS

Georgia Tech iOS Club | ***President*** *August 2018 - Current*

- Coordinating the curriculum, teaching technical demos, giving invited talks, directing officers to instruct weekly lessons, orchestrating club events, and hosting hackathons while securing a 10x budget increase to foster a community of developers

Team USA Weightlifting| *Athlete* *June 2014 - Current*

- Currently training for the Olympic Games. Placed 14th at Nationals, **ranked 2nd in the USA** in my category.