


# Josh Landsman


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## Personal Statement

Creating positive change in the world through computer science

## Education

 **Georgia Institute of Technology** 2020-2024  
Candidate for B.S. in Computer Science  
Concentrating in [Information Internetworks & Intelligence](#)  
Cumulative GPA: 3.82

 **Randolph High School, NJ** 2016-2020  
High School Capstone Diploma  
Cumulative GPA: 4.72 (weighted), 4.08 (unweighted)

## Work Experience

 **NCR Corporation** 📍 Atlanta, GA

*Software Engineer Intern, Innovation Lab*

May 2021-Aug 2021, May 2022-Aug 2022

- Created a production REST API for NCR's Global Hackathon to organize international participants, teams, and conference talks using NestJS, Azure, and PostgreSQL
- Designed system for NCR employees to contribute toward future goal achievement at NCR through [Brightidea](#) with an Ethereum Blockchain-based reward system
- Co-managed deployment and stability of new [NCR website](#)
- Collaborated in team meetings to shape innovative use cases for AI/Computer Vision in NCR's point-of-sale

 **Lucille Games** 📍 Virtual

*Software Developer*

Apr 2020-Aug 2020

- Collaborated with multiple developers and a quality assurance team to develop and improve existing games
- Created a streamlined process to evaluate/fix the functionality of new game features

 **XLink (Startup Entrepreneur: Munroe Chirnomas)** 📍 Virtual

*Software Intern*

Sep 2017-Mar 2020

- Developed image recognition software utilizing SIFT, SURF, and ORB algorithms and homography
- Created a web scraping tool that tested for reactions from different mainstream websites and which also gathered statistics regarding those automated interactions
- Collaborated with software and mechanical engineers working on robotics for specific industrial solutions

 **Harvard University Medical School/Brigham and Women's Hospital** 📍 Boston, MA

*Harvard Laboratory Research Intern*

Aug 2019

- Applied computer science skills with bioinformatics; exposed to biomedical wet lab and state-of-the-art molecular biology techniques, including single cell sorting and RNAseq

## Projects

**PKNK**  [GitHub](#)

- Created an Android application using Java for the 2020 QuackHacks hackathon, which provided a platform for individuals to exchange cooking recipes in a social media style using a Google Firebase real-time database

## Skills

**Languages/Tools:** Java, JavaScript, NestJS, TypeScript, PostgreSQL, Firebase, Google Cloud, Azure, Git, Python, Lua, React/React Native, HTML, CSS

**Relevant Coursework:** [Object-Oriented Programming](#), [Data Structures & Algorithms](#), [Computer Organization and Programming](#), [Systems and Networks](#), [Intro to AI](#), [Applied Combinatorics](#), [Linear Algebra](#), [Discrete Mathematics](#)

## Extracurricular Activities

**Alpha Epsilon Pi Fraternity**

*Treasurer (Executive Board) & Philanthropy Chair*

Apr 2021-Apr 2022

- Established and managed annual \$150K budget used to organize day-to-day operations
- Led weekly meetings to help plan events and organize logistics
- Organized philanthropic events to raise money for foundation helping children with heart defects

**HackGT: Catalyst**

*Mentor*

Mar 2021

- Selected to mentor high school students in Cybersecurity track of hackathon

**Food Relief Agency**

*Volunteer*

2013-2022

- Packed donated food boxes (n=300) and delivered food to homes with very low food security in community

## Honors & Awards

- National Honor Society, Mu Alpha Theta, National AP Scholar, RHS Computer Club Leadership Award