



Josh Landsman


 joshua.landsman@gmail.com  (973) 714-0577  Mendham, NJ  [joshua-landsman](https://www.linkedin.com/in/joshua-landsman)  [joshbl-dev](https://github.com/joshbl-dev)  joshbl.dev

Personal Statement

Creating positive change in the world through computer science

Education

 **Georgia Institute of Technology**
Candidate for B.S. in Computer Science
2020-2024

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

Work Experience

 **Lucille Games**  Virtual

Software Developer

Apr 2020 – Aug 2020

- Collaborated with multiple developers and a quality assurance team to develop and improve existing games on Lucille Games' network
- Created a streamlined process to evaluate the functionality of new game features
- Brainstormed and implemented new systems to create new immersive gameplay experiences
- Tested and patched existing bugs due to outdated code

 **XLink, (Employer: 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 team of 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
- Attended research team meetings with postdocs and principal investigator and meetings with invited speakers at hospital
- Observed process of submission to a research journal

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. The program uses Google Firebase to provide a real-time database for live updates to user feeds.

Skills

Languages/Tools: Java, Git, Android Development, Game Programming, Python, Lua, HTML, CSS

Relevant Coursework: [Object-Oriented Programming](#), [Linear Algebra](#), [Discrete Mathematics](#)

Extracurricular Activities

RHS Computer Club

Co-President/Executive Board Member

Aug 2018 - Jun 2020

- Developed yearly planning of projects and strategies to support and improve club; led club and board meetings, led student-run coding lessons, delegated tasks for improved efficiency
- Secured new funding from Head of Technology Department for new innovative programs
- Improved programs and increased membership 25% from approximately 40 to 50 students; increased participation in monthly CyberPatriot competitions hosted by the Air Force Association

Food Relief Agency

Volunteer

2013-2020

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

Honors & Awards

 **National Honor Society**

Jun 2020 - Randolph High School

 **Mu Alpha Theta**

Jun 2020 - Randolph High School

 **National AP Scholar**

Jul 2020 - The College Board

 **RHS Computer Club Leadership Award**

Jun 2020 - Randolph High School