# Sean H. Kim

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, Georgia                                                                                      May 2027
*Bachelor of Science in Computer Science*

## PROGRAMMING SKILLS

Proficient in **Python**; Familiar with ***Java, Javascript, HTML, CSS***

## PROGRAMMING & RESEARCH PROJECTS

- Kim, Sean and Kim, Samuel, "Automatic prediction of mortality in patients with mental illness using electronic health records," arXiv:2310.1212 [cs.LG], https://arxiv.org/abs/2310.12121, Oct. 2023
- Kim, Sean, Yoo, Eliot, and Kim, Samuel, "Why Do Students Drop Out? University Dropout Prediction and Associated Factor Analysis Using Machine Learning Techniques," arXiv:2310.10987 [cs.LG], https://arxiv.org/abs/2310.10987, Oct. 2023
- Willie Kang, Sean Kim, Eliot Kim, and Samuel Kim, "Predicting students' exam scores using physiological signals," arXiv.2301.12051 [cs.LG], https://arxiv.org/abs/2301.12051, Jan. 2023
- Sean Kim and Samuel Kim, "Automatic public speaking anxiety detection using speech," in US-Korea Conference (UKC), https://www.ukc.ksea.org/wp-content/uploads/2023/08/UKC-2021-Proceedings1228v1.pdf, Dec. 2021

## EXPERIENCE

***Research Assistant at Social Dynamics and Wellbeing Lab,*** Atlanta, GA                                      Aug 2024-Present
- Compiled list of mental health disorders from numerous online data sources and websites

***Research Assistant at IF Research Lab,*** Cypress, CA                                                      Oct. 2021 – May 2024
- Produced **4** research preprints with mentor Samuel Kim
- Organized and led a 1-week summer camp to offer free programming classes to 10+ middle and high schoolers
- Helped **4** students learn basic programing skills, and assisted with coding curriculum through weekly feedback sessions and presentations
- Presenter at IF Con 2023 (Biola University), "Human-Centric Computing: Exploring the Intersection of Machine Learning and Human Health"
- Presenter at IF Con 2022 (Biola University), "Automatic Public Speaking Anxiety Detection Using Speech"
  Poster Session & Presentation at UKC 2021

***Product Designer at AI Camp,*** Cypress, CA                                                            Sep. 2021 – Dec 2022
- Helped design a custom user account management and payment system used by all users ( **1000+ people**) and process **$1 million+** yearly in revenue
- Designed and maintained the official company website
- Collaborated closely with engineering teams to develop apps, software, and websites

## LEADERSHIP AND COMMUNITY ENGAGEMENT

***WebDev @ GT***, Georgia Tech                                                                           August 2024 – Present
- Full-stack engineer and product designer on FinSimIQ project team

***Class Committee,*** Oxford Academy                                                                     August 2020 – May 2024
- *Treasurer 2020-2022, Fundraising Commissioner 2022-2023, Tech Commissioner 2023-2024*
- Coordinated and oversaw **14** school events (Prom, Hoco, Fall Ball, etc.)
- Fundraised **$2500+**, developed and managed budgets, established and maintained relationships with local vendors

***HOPE Global Outreach Foundation***, Oxford Academy                                                     August 2020 – May 2024
- *President 2022-2023, Treasurer 2021-2022*
- Raised **$750+** through organizing and facilitating shoe drives and garage sales for a foster family charity
- Help organize biannual Love Festival for the Developmentally Disabled
- Created **100+** holiday gift packages to donate to Casa Youth Shelter

***Code Club,*** Oxford Academy                                                                           August 2020 – May 2024
- *President 2023-2024, Treasurer 2022-2023, Project Chair 2021-2022*
- Developed 3-tiered project-based curriculum for general meetings, increasing membership by **50%**
- Implemented weekly code worksheet system

***Future Business Leaders of America,*** Oxford Academy                                                   August 2020 – May 2024
- *VP of Special Projects 2023-2024, VP of Chapter Projects 2022-2023, Junior Executive Officer 2021-2022*
- Led various chapter initiatives to obtain the national FBLA Gold and outstanding chapter awards
- Organized talk by Mayor of Cypress, local business tours, and bonding activities
- Help **60+** middle schoolers (**20+** business) with business expo quarterly

## ADDITIONAL SKILLS AND INTERESTS

**Languages:** Fluent in ***English*** and ***Korean***
**Arts:** *Performing-* Piano, Cello, Guitar
**Interests**: national parks; biographies; tennis; pickleball; Catan