

Sean H. Kim

Atlanta, Georgia 30322 • skim3564@gatech.edu • (562) 850-3688 • GitHub: shonkeem

EDUCATION

Georgia Institute of Technology, Atlanta, Georgia
Bachelor of Science in Computer Science

May 2028

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 programming 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

Clifton Strength Reflection:

One of my Clifton strengths was “Responsibility”. For this particular trait, it means that I demonstrate ownership of what I say I will do, and value traits such as honesty and loyalty. Primarily, I believe this trait is shown throughout my resume through the active dates on my activities. For a lot of my leadership and community engagement activities, the date ranges from August 2020 to May 2024, showcasing a length of service and dedication to that activity. The longevity of my activities showcases that I am responsible, as I am capable of being dedicated to one organization for long periods of time, slowly increasing the scope of my responsibilities year after year until I have become an integral part of that organization. I also included various specific numbers showcasing my impact in the organizations, such as helping 60 middle schoolers or fundraising \$2500 for school, to further emphasize my impacts.