

SAHAS GOLI

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EDUCATION

Vanderbilt University

Majors in Computer Science & Economics, summa cum laude

- Cumulative GPA: **3.98** / 4.00

Nashville, TN

Class of 2023

WORK EXPERIENCE

Citadel

Software Engineer, Portfolio Construction Group

New York City, NY

Aug 2023 - Present

Robinhood

Software Engineering Intern, Core Machine Learning Team

Menlo Park, CA

May 2022 - Aug 2022

- Designed an initial version of feature transformation (in Python/Golang) for Beast, Robinhood's Feature Store, improving data scientist feature engineering efficiency by 5-10x.
- Optimized our E2E Machine Learning pipeline for social media analysis. Scraped Reddit/Twitter and conducted sentiment analysis (via BERT NLP model) to gauge market conditions.

Coursera

Software Engineering Intern, Educator Admin Team

Mountain View, CA

May 2021 - Aug 2021

- Worked extensively on solving instructor inconsistencies, which involved writing Scala to automatically resolve 15,000+ inconsistencies (affected 12% of all Coursera instructors).
- Reduced latency by 30% on a bottleneck API essential for displaying course instances to admin staff running courses. Led to an overall smoother experience for admin staff.

Vanderbilt University

Head Teaching Assistant, Intermediate Software Design

Nashville, TN

Jan 2021 - May 2023

- Coordinated a team of 20+ graders to conduct office hours and perform grading for a course centered around intermediate C++ features and software design patterns.

AstrumU

Software Engineering/DevOps Intern

Kirkland, WA

May 2020 - Aug 2020

- Developed a Node.js app using Puppeteer to completely automate Google Lighthouse auditing on various web-apps, saving our DevOps team time on previously manual work.
- Wrote shell scripts to automate the deployment of Kubernetes clusters to Azure Kubernetes Service for internal use; incorporated role-based access control and ISTIO in each cluster created.

Vanderbilt University

STEM Tutor

Nashville, TN

Jan 2020 - May 2023

- Taught 15+ students for 10 hours weekly on computer science fundamentals and Data Structures.

PROJECTS

VR Pacman

- Built a virtual reality version of Pacman with a team of five. Focused on implementing networking for multiplayer capability.

Unity / C#

LEADERSHIP

ACT / SAT Preparation Groups

Founder

Online

Sep 2017 - Present

- Founded an 8300 member online international community for students of low socioeconomic status focused on collaborative preparation for the ACT and the SAT.

Vanderbilt SWE Preparation Club

President

Nashville, TN

Jan 2022 - May 2023

- Founded and led a club dedicated to bridging the gap between traditional CS coursework and the industry recruiting process.

ADDITIONAL INFORMATION

Languages/Tools: C++, Go, Scala, Python, SQL, Docker, Kubernetes, Git

Interests: Fiction, Teaching