Kabir Goel

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EDUCATION

University of California, Berkeley GPA: 3.838 — Berkeley, CA
BA in Computer Science. Minors in Public Policy and Design. — Aug 2020 - May 2024

Computer Architecture, Control Theory, Linear Algebra, Data Structures, Discrete Math, Probability Theory, Prototyping & Fabrication, Advanced Human-Computer Interaction Research, Cognition, Philosophy of Mind, National Security & Tech Policy

EXPERIENCE

UC Berkeley School of Information — Berkeley, CA
Research Assistant — May 2022 - Present
- Research in improving machine translation in high-stakes settings advised by Prof. Niloufar Salehi

Blueprint, Technology for Nonprofits — Berkeley, CA
Project Lead — Sep 2021 - May 2022
- Led Friends of Alemany Farm project at Cal Blueprint, a UC Berkeley club building tech for nonprofits
- Directed team of 7 developers and 1 designer to build a smart farming assistant
- Ensured project success through nonprofit communication, building team culture, and daily execution
- Previously the team's designer: Built and tested low, mid, and high fidelity prototypes

Swadesh — Remote
Software Engineer Intern — Jun 2021 - Aug 2021
- 3rd hire at Swadesh, a YC and Khosla Ventures backed fintech startup building investing tools
- Developed and designed frontend for Swadesh Capital, a commercial real estate search engine
- Brainstormed growth ideas, including a speaker series featuring prominent Indians

Hazy Research, Stanford CS — Stanford, CA
Research Intern — Sep 2020 - Aug 2021
- Developed and designed an ElasticSearch-backed dashboard to search, sort, and analyze disinformation surfaced by the team's ML system
- Built the team's ML pipeline using Metaflow. Redesigned and rebuilt the lab website.

Division of Gastroenterology & Hepatology, Stanford Medicine — Stanford, CA
Research Intern — Aug 2019 - Aug 2020
- Improved algorithms for analysis and auto-detection of reflux events in 24h esophageal impedance tests
- Advised by Dr. Sidhartha Sinha, Director of Digital Health and Innovation
- Interviewed doctors to understand and optimize their workflow

NOTABLE TOOLS

Programming	Python, Go, Rust, Java, C, Assembly, Rails, Node.js, React
Design	Figma, Typography, Human-Computer Interaction, Prototyping and Fabrication

PROJECTS

Me, But Online · Node.js, Airtable API — mebut.online
Collection of minimalist, original personal websites with great typography curated by me.

Walnut · Go — kabirgoel.com/p/walnut
Brainf*** to Go compiler based on Rob Pike's talk *Lexical Scanning in Go*. Post hit Hacker News front page.

Svelte French Toast · Svelte, JavaScript, Rollup — svelte-french-toast.com
Svelte library providing buttery smooth toast notifications. Hundreds of weekly downloads on NPM.

Lipwig · Rails, React — lipwig.email
Dynamic email addresses for Discord communities. Sign up for newsletters, forward emails, and more.

Unslant · TensorFlow, Python, Vue.js — unslant.org
Chrome extension that surfaces contrasting takes on political news stories using natural language embeddings and vector similarity. Won at a national hackathon against 30 university teams when I was a high schooler.

AWARDS

NASA Goddard Award, Conrad Challenge — Apr 2019
Recognized at Kennedy Space Center for most innovative use of NASA technology. Designed an automated drone-based system for security at massive public events.