

Sander Vonk

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EDUCATION

Carnegie Mellon University

B.S., Information Systems & Additional Major, Human-Computer Interaction

• Information Systems Focus Group, Dietrich College Student Advisory Board, Discussion & Advocacy Committee

Pittsburgh, PA

Grad. May 2028

Mountain View High School | GPA 3.95

Dual Enrolled with Foothill Community College

Mountain View, CA

Aug 2020 - Jul 2024

University of California, Berkeley

CS-61A (Structure and Interpretation), CS-61BL (Data Structures and Methodology)

Berkeley, CA

Jun 2022 - 2023

PROFESSIONAL EXPERIENCE

Aeries Software

Junior Software Developer — Project Hire

Orange, CA

Jul 2024 - Aug 2024

- Leveraged industry-standard processes (Figma, DevOps, Scrum) as principal designer of the mobile Parent-Student Portal
- Completed over 50 interactive screens, 20 prototype flows, and 100s of components to be brand-aware and modern
- Catalyzed rapid development by creating numerous React Native components with detailed documentation
- Considered various use cases in early-stage design to target ease-of-use, applying brand values and design systems to a multi-platform application within a larger established software suite used by over 2.5 million students in California & Texas

CMU CS Academy

Software Developer

Pittsburgh, PA

Jan 2025 - Present

- Joined the Software Engineering team in the Spring semester working up to 20hrs/week in addition to my IS course-load
- Worked heavily with React, Firebase, Python, Django, PostgreSQL, and various DevOps and testing platforms including AWS, Github, Terraform, Jest, and Selenium developing a fully featured teacher and student experience
- Built experience with React & Redux and applied/expanded my UI/UX knowledge in the educational technology space
- Implemented features requested by just under a 500,000 students and teachers to improve their learning experience

Figma

Figma Campus Leader

Pittsburgh, PA

Jan 2025 - Present

- Selected as part of the inaugural cohort, providing product feedback and insights from CMU student community to Figma
 - Worked with Figma for Edu. to grow campus adoption of design tools and took part in exclusive product roadmap events
 - Hosted and budgeted for design workshops and events (incl. FigBuild 2025), creating resources to support innovation
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EXTRACURRICULARS

CMU User Experience Association

Co-President, Design Unit Member

Pittsburgh, PA

Aug 2024 - Present

- Took on the co-pres role late in the Spring 2025 semester, coordinating board/unit interviews, planning & hosting FigBuild
- Created marketing materials and outreach resources for the CMU HCI student community, taught Figma workshop series

180 Degrees Consulting Club

Consultant

Pittsburgh, PA

Sept 2024 - Present

- Selected in the top 5% of applicants for development of professional skills and experience for non-profit consulting
- Applied technical skills working with The Pittsburgh Promise to achieve their goals of promoting high edu. aspirations among urban youth, funding post-secondary scholarships, and building a prepared & diverse regional workforce.

Carnegie Mellon Racing

Firmware Team Member, Driver Interface Designer

Pittsburgh, PA

Sept 2024 - Present

PROJECTS

Task Tracker Framework

Improved assignment and test scheduling for mental health; recognized by CA-16 Rep. Anna Eshoo

github.com/sandervonk

mvtt.app, cmutt.app

Dec 2021 - Present

VITE! French Practice

Algorithmic French practice and worksheets; Honorable Mention in the Congr. App Challenge

vite.svonk.me

Aug 2020 - Jun 2023

Additional Web Projects (Vue.js, React, React Native, Vanilla)

FocusTime, AEYE Health, Debate Tools, Oriel Research Therapeutics Site, Simplify Aeries, etc.

projects.svonk.me

Jan 2017 - Present

CORE SKILLS

Prototyping · Front-End/Web Development · JavaScript · TypeScript · Firebase · Node.js · Vue.js · React Native · Expo
Design · Figma Graphic & Web Design · UI/UX · UX Research · Blender · **Programming** · Python · Java · SQL · JS/HTML/CSS
Machine Learning · **Research** · Public Policy · Health Policy · Political Science · Outreach · **Leadership** · Tutoring · EdTech