Sander Vonk

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EDUCATION

Carnegie Mellon University | GPA 3.95 — **Pittsburgh, PA**

B.S., Information Systems & Additional Major, Human-Computer Interaction (Minor: Media Design) — *Grad. May 2028*

- *Deans List High Honors (All Semesters), Information Systems Program Ambassador, Dietrich Course Eval. Committee, IS & Accelerated Masters Focus Groups, Dietrich College Student Advisory Board*
- *TA: Database Design & Development (67-262), Mobile App Design & Development (67-272), and GC Seminar (66-146)*

PROFESSIONAL EXPERIENCE

Air Enterprise Readiness (formerly Govini) — **Pittsburgh, PA**

Software Engineer I (part-time), Engineering Intern (previous) — *May 2026 - Present*

- Leveraged usage data to deliver realtime high-impact data visualization and UX changes, cont'd. part-time after internship
- Architected full-stack enterprise readiness SaaS solutioning deployed to key government customer-deliverable features

Figma — **Pittsburgh, PA**

Figma Campus Leader, Program Professional Development Lead, Web Co-Lead — *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 plan & moderate program AMAs and exclusive product roadmap events with leadership
- Hosted and budgeted for design workshops and events (incl. FigBuild 2025), creating resources to support innovation

Santa Fe Institute — **Santa Fe, NM**

Software Developer & UX Designer, Project ARCH — *Sep 2025 - Jan 2026*

- Developed a robust always-online discourse platform built to fit the knowledge-building needs of academic communities
- Engineered novel interactions for researchers experimenting with vectorized RAG AI agents in a data-centric environment

CMU CS Academy — **Pittsburgh, PA**

Software Developer, UX Designer — *Jan 2025 - May 2026*

- Worked heavily with React, Python, Django, Rollbar, and AWS, 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
- Shipped features requested to over 500,000 students and teachers to improve the programming classroom experience

Aeries Software — **Orange, CA**

Junior Software Developer — Project Hire — *Jul 2024 - Aug 2024*

- Catalyzed over 50 screens, 20 prototype flows, and 100s of React Native-ready components with detailed documentation
- Leveraged industry-standard processes (Figma, Azure DevOps, Scrum) as principal designer of the multi-platform Parent-Student Portal application within a larger established software suite used by over 2.5 million students in CA & TX

EXTRACURRICULARS

CMU User Experience Association — **Pittsburgh, PA**

Co-President, VP Design, Design Unit Member — *Aug 2024 - Present*

- Took on the co-pres role late in the Spring 2025 semester, coordinating board/unit interviews, planning & hosting FigBuild
- Integrated tightly with events and outreach teams to drive CMU HCI student community, taught Figma workshop series

180 Degrees Consulting Club — **Pittsburgh, PA**

Consultant — *Sept 2024 - Present*

- Selected in the top 5% of applicants for development of professional community and experience for non-profit consulting
- Applied technical skills to create solutions for The Pittsburgh Promise, Community Kitchen Pittsburgh, and Furkid Rescue

Carnegie Mellon Racing — **Pittsburgh, PA**

Firmware Team Member, Driver Controls & HUD Interface Designer — *Sept 2024 - Present*

PROJECTS

github.com/sandervonk

Task Tracker Framework — **mvtt.app, cmutt.app**

Improved assignment and test scheduling for mental health; recognized by CA-16 Rep. Anna Eshoo — *Dec 2021 - Present*

World x Change — **w-x-c.com**

Carbon offset generation backed by remote sensing of emissions from novel rice farming methods. — *Oct 2024 - Present*

Additional Web Projects (React, Vue.js, React Native, Vanilla) — **projects.svonk.me**

AEYE Health, VITE! French Practice, FocusTime, DebateSuite, Oriel Therapeutics, Simplify Aeries... — *Jan 2017 - Present*

CORE SKILLS

Prototyping · Web Development · React · TypeScript · JavaScript · GCP · Firebase · Node.js · Vue · Material UI · Expo · Rails
Design · Figma Graphic & Web Design · UI/UX · UX Research · Blender · **Programming** · Python · Java · SQL · JS/HTML/CSS
AI/ML (RAG) · Swift · **Research** · Public / Health Policy · Political Science · Government · CUI · **Leadership** · Tutoring · EdTech