Sander Vonk

(650) 383-0388 · svonk@cmu.edu · svonk.me · in/sandercvonk · Mountain View, CA & Pittsburgh, PA

EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**
B.S., Information Systems & (Intended) Additional Major, Human-Computer Interaction   *Grad. May 2028*
• Information Systems Focus Group, Dietrich College Student Advisory Board, Discussion & Advocacy Committee

Mountain View High School | GPA 3.95   **Mountain View, CA**
Dual Enrolled with Foothill Community College   *Aug 2020 - Jul 2024*

University of California, Berkeley   **Berkeley, CA**
CS-61A (Structure and Interpretation), CS-61BL (Data Structures and Methodology)   *Jun 2022 - 2023*

PROFESSIONAL EXPERIENCE

Aeries Software   **Orange, CA**
Junior Software Developer — Project Hire   *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   **Pittsburgh, PA**
Software Developer   *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 half million students and teachers to improve their learning experience

Figma   **Pittsburgh, PA**
Figma Campus Leader   *Jan 2025 - Present*
• Selected as part of the inaugural cohort, providing product feedback and insights from the 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 managed a budget for design workshops and events, creating resources and templates to support innovation

EXTRACURRICULARS

CMU User Experience Association   **Pittsburgh, PA**
Design Unit Member, Club Member   *Aug 2024 - Present*
• Created marketing materials and guided community meetings, including building outreach resources and templates
• Planned and taught Figma workshops (Figma 101: Vectors & Getting Started, Figma 301: Design Libraries & Components)

180 Degrees Consulting Club   **Pittsburgh, PA**
Consultant   *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   **Pittsburgh, PA**
Firmware Team Member, Driver 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*
VITE! French Practice   **vite.svonk.me**
Algorithmic French practice and worksheets; Honorable Mention in the Congr. App Challenge   *Aug 2020 - Jun 2023*
Additional Web Projects (Vue.js, React, React Native, Vanilla)   **projects.svonk.me**
FocusTime, AEYE Health, Debate Tools, Oriel Research Therapeutics Site, Simplify Aeries, etc.   *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