

Samuel Wortzman

email: SamWortzman2018@gmail.com

EDUCATION

UC Santa Cruz, Baskin School of Engineering

Graduated 2023

- B.S. in Computer Science
- Classes taken include Distributed Systems, Databases, 3D Graphics, Computer Architecture, Systems Programming, ...

Tamalpais High School

Graduated 2018

- 5 on AP Comp Sci A and Calculus AB/BC, 4 on AP Chemistry and Biology; 34 on ACT
- Varsity wrestling and swim team

WORK EXPERIENCE

Knowfully Learning Group 650.745.6476

February 2023 – Current

Software Developer

- Design and maintain software that facilitates a multi-million dollar sales pipeline
- Design and manage a relational database
- Created software to enable our company to efficiently expand sales to new countries
- Preempt flaws and find bugs in software to minimize downtime
- Upgraded inherited legacy codebase

Camp Tawonga 415.543.2267

Summers 2021 – 2022

Prep Cook

- Responsible for meal preparation and cleanup in fast-paced 400+ person environment

Mill Valley Market 415.388.3222

January 2019 – June 2019

Meat Clerk/Grocery Stocker and Bagger

- Helped customers select the right meat for their needs
- Stocked inventory in a FIFO or monotonically increasing fashion

CODING

- **Skills:** Web Dev, Distributed Systems, Databases, Scrum, 2D/3D Graphics, UI design, Unix / Posix
C, C++, Rust, Python, HTML/CSS, Javascript, Dart, Go, SQL
Svelte, Flutter, Flask, SwiftUI, Vue, Node, Kubernetes, Docker, Git, WebGPU, OpenGL, Figma
- **GitHub:** github.com/RealDummy
 - Chess engine and move generator (Rust)
 - Available causally consistent sharded and replicated key value store (Python)
 - Asynchronous (non-blocking) multithreaded HTTP 1.1 web server (C)
 - ServiceXchange: an iOS app that connects freelancers with clients (Swift)
- **Personal Website:** samwortzman.com
 - Designed and coded by me
 - Includes fun demos of a quadtree, dynamic programming (edit distance), fractals, and linear algebra
- **Friend's Website:** brucebenjam.in
 - A website in the third dimension
 - Fun portfolio site collaboration with my friend bruce