

# GEORGE OWEN

+1 (615) 651-9529 | gowin@ucla.edu | Los Angeles, CA | linkedin.com/in/gowinb | github.com/gowin20

## EDUCATION

**University of California, Los Angeles (UCLA), Los Angeles, CA**

Expected June 2022

Bachelor's in Computer Science & Linguistics

- 3.907 GPA // 3.915 Major GPA.
- Minor in Geographic Information Systems and Technology (GIS&T).
- Honors: UCLA's College Scholars Program, CS Honors: Upsilon Pi Epsilon.

## EXPERIENCE

### COBBLE, UCLA

CO-FOUNDER & CEO

August 2020 - Present

- Co-founded startup Cobble to promote interdisciplinary creativity, recruited 28 team members over 2 years.
- Created from scratch a complex social media platform featuring custom content creation, personal file storage, filterable post feeds, search, notifications, emoji reactions, and SSO authentication with magic links.
- Developed and implemented page specifications by writing industry-standard code as a front-end developer using Svelte, TailwindCSS, Node.JS, Google OAuth2 SSO, Redis, and AWS S3.
- Attracted over 200 organic users, enabling both individuals and organizations to display work virtually.
- Coordinated 4 software releases to incrementally improve product based on 30+ user interviews, facilitate weekly development sprints using Agile practices through Notion and Github issues.

### JUNI LEARNING, Remote

SENIOR COMPUTER SCIENCE INSTRUCTOR

June 2019 - May 2021

- Delivered computer science lesson plans in Python, Java, and JavaScript/HTML/CSS virtually for children ages 8-18, teaching a range of topics including CS fundamentals,  $O(n)$  analysis, and data visualization with Matplotlib/Seaborn.
- Created 50+ coding assignments for students, leading to three original projects becoming part of Juni's core curriculum.
- Communicated updates to parents on a weekly basis and modified curriculum for students with learning disabilities.

TECHNICAL WRITER

May 2020 - October 2020

- Authored six full-length technical articles for the Juni Learning Blog on programming fundamentals.
- Optimized SEO rankings using Clearscope and Google Sites to become #1 search result on Google for several popular keywords, with articles maintaining result position for over 1 year.
- Planned series of 15 posts using Asana. Researched popular topics using Python3, BeautifulSoup4, and Pandas.

### ENIGMA, UCLA

PRESIDENT

May 2020 - Present

- Revitalized a 36 year old tabletop gaming community by creating virtual infrastructure via Discord and grew it from 30 to over 1,100 members, in order to improve social life during the pandemic.
- Design and host weekly large-scale events, including numerous in-person exercises with over 130 in attendance and a virtual 60-player Among Us tournament with \$500 in prizes.

### UPSILON PI EPSILON (UPE), UCLA

SOCIAL DIRECTOR

August 2020 - Present

- Established a communications infrastructure via Discord for the CS honors society used by 60 officers and 270 members.
- Lead a team of 6 and manage a budget of \$7000 to plan and host social events for the UCLA CS community.

## PROJECTS

- Designed programs in Haskell and OCaml to parse information from sentences and construct derivations from syntax trees.
- Host a dedicated Linux Minecraft server supporting 15+ concurrent players.
- Implemented an original text-based poker program with ASCII graphics in Python with working AI players.
- Developed an Among Us themed Discord bot written in Python to enhance functionality of online communities.
- Built a 2D sandbox game using object-oriented programming with Pygame.

## SKILLS

- Programming Languages: C, C++, Python, Java, JavaScript, Svelte, React, PHP, SQL, HTML, CSS, Tailwind CSS, Bash, Haskell, OCaml, Prolog, Lisp, Scheme, Zig, D, Odin.
- Technical: Git, Unix-like systems, AWS (EC2, S3 / S3 Hosting, Route 53), Daemons & Screen multiplexing.
- Relevant Coursework: Data Structures/Algorithms, RDBMS, Linear Algebra, ISAs, AI Search/CSP methods, Formal Automata.
- GIS: ArcGIS Suite (ArcMaps, ArcCatalog, ArcGIS Online, Story Maps), QGIS, manual vector creation/manipulation, raster manipulation.
- Linguistic: phonological rule construction, X' notation, binding theory, NPI licensing, lambda notion, etc.
- Highly organized, strong leadership skills, effective communicator, fast learner, extroverted.