

# Aghalya Narayanan

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## EDUCATION

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**Univ. of IL, Urbana-Champaign** | BS in Computer Science & Anthropology | GPA: 3.5 Dec. 2024

- Key Courses: CS124/128 (Java/C++), CS225 (Data Structs), CS222 (SWE Lab), CS340 (Comp. Syst.), CS465 (UI Design), CS409 (Web Progrmg), ANTH104 (Talking Culture), CS374 (Algos.), CS445 (Comp. Photography), ANTH399 (Digital Culture & Comm.), CS412 (Data Mining), CS421 (Progrmg Langs. & Compilers), ANTH433 (Comm. & Culture)

## PROFESSIONAL EXPERIENCE & FREELANCE WORK

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### UX Intern

Arista Networks | Santa Clara, CA May 2024 - Aug 2024

- Worked on over 7 projects for CloudVision SaaS, specifically network security and topology features
- Developed heuristic evaluations, wireframes, prototypes, and hi-fi designs to improve complex problems and workflows
- Supported the development of design system guidelines to ensure consistency and high quality in CVaaS user interfaces
- Collaborated cross-functionally with stakeholders to refine user requirements and improve CVaaS holistically
- Organized and led team events to foster collaboration, visibility, and team cohesion

### UI/UX Designer

May 2023 - Sep 2023

Magic Beings Preschool | San Ramon, CA

- Prototyped, designed, & built company website according to client's needs; features include custom logo, smooth navbar, direct-to-email contact form, embedded links, dropdown tabs, tailored color palette, etc
- Maintained site reliability and directly addressed user reach and users' concerns
- Designed advertising & distributed over 4,000 flyers via USPS EDDM; reached over 87,000 consumers via collaboration with digital magazines; managed Google Ad analytics & reached over 10,000 impressions

### UI/UX Designer

June 2024 - July 2024

VRB Detailing | Chicago, IL

- Designed and built client's website according to their needs; features include animated footer, direct-to-email contact form, embedded links, tailored color palette, etc
- Maintained site reliability and directly addressed user reach and users' concerns

### Python Instructor

June 2020 - Aug 2020

The Code Matrix Club | San Jose, CA

- Taught beginner to intermediate Python programming to over 12 elementary-age students during the pandemic
- Designed and built engaging & creative curriculum, lesson plans, and projects for over 10 weeks of classes

### Student Tutor Lead

Aug 2019 - June 2021

University Preparatory Academy | San Jose, CA

- Worked collaboratively to grow school's online web service by designing individualized advertising & connect over 100 high school students with tutors in over 10 subjects
- Taught over 30 students art, literature, math, & effective organization skills

## SKILLS & INTERESTS

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**Programming Languages:** Python | C/C++ | Java | Javascript | Node.js | HTML/CSS | React | Typescript | SQL | OCaml

**Tools:** Figma | Procreate | Git | Vim | Android Studio | Adobe Suite | Google Analytics | GCP | Jupyter Notebook | Blendr

**Certifications:** Udemy – Web Design, React, Procreate, ML/Data Science

**Interests:** rapid prototyping | typography | digital illustration | advertising | psychology

**Hobbies:** film/acting | literature | cooking/baking | weightlifting | AV technology | music – violin, cello, double bass | art

**Spoken Languages:** English | Tamil | Spanish | Mandarin

## PROJECTS

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Dream Journal App (WIP) | Portfolio (Figma, Html/CSS, JS) | Roof Over My Head (Figma, Html/CSS, JS) | Shrink the Elephant (Figma, Html/CSS, JS) | Japanese Knives Website (Figma, Html/CSS, JS) | Film Database Website (React, TS) | Expenses Tracker (React) | Interest Calculator (React) | To-Do List (React) | Gradient Domain Fusion (Python) | Hybrid Images (Python) | Image Quilting (Python) | Party Planner Algo (C++) | "Yelp" Web App (Java) | Liquid Rescaling Algo (C++) | Dining Diego Web App (JS, Python)