Megan Mai
Digital Design, etc.
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Objective

Multidisciplinary designer and front-end developer interested in creating engaging interactive experiences. Background in computational cognitive science. Seeking a full-time position in front-end engineering. Experience with teaching, coding, and academic research.

Education

B.S. in Cognitive Science (Specialization in Computing) from UCLA, 2021

Experience

Freelance UX design (2021)
For Craftili
Designed, wireframed, and prototyped the landing page for craftili, an online marketplace for custom goods. Tasked with communicating platform function as well as incentive structure for signing up. Also provided consultation for the marketplace page.

Undergraduate Research Assistant (2020-2021) @ UCLA
@ the Hongjing Lu Computational Vision and Learning Lab, UCLA
Contributed to study assessing analogical reasoning from a computational perspective. Collected data, reviewed literature, and designed and coded experiments and models.
Study proposal: shorturl.at/knszB

Honors Program (2018-2019)
@ College of San Mateo
Independently conducted research on topics not offered by courses. Wrote papers and presented on the following topics: Dijkstra's contribution to the A* algorithm, the Hodgkins-Huxley model of neural firing, and design patterns and aesthetics in coding practices. Texts available upon request.

Creative Director of Labyrinth Magazine (2017-2019)
Designed the spring 2018 issue and led a team of graphic designers and editors. Allotted typesetting responsibilities and held sectional meetings.

Senior Piano Instructor (2017-2019)
@ Digital Monkey Music School
Privately tutored students on ABRSM material. Trained and recruited new piano teachers.

Skills

User Experience/Interface Design and research
Graphic Design
Academic writing and research

Bayesian modeling
Object-Oriented Programming

Design
Adobe Suite (InDesign, Illustrator, Photoshop, XD)
Figma
Usability Testing

Languages
c++, java, CSS, html, matlab, python, psychopy

Relevant Courses
Data Structures and Algorithms (c++)
Intro to c++
Intro to Java
Principles of Java
Advanced Topics in User Experience Design
2D Design
Cognitive Science of Linguistics (Bayesian Modeling)
Python with Applications
Theory and Simulation (Bayesian Modeling)
Gödel's Incompleteness Theorems (Formal Logic)

Awards
Dean's List, CSM (four semesters)
Dean's List, UCLA (two quarters)

References available upon request.