

ARCHISHA DATTA

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EDUCATION

Mathematics of Computation at University of California, Los Angeles

Graduation: 2024

- GPA: 3.9
- Relevant Coursework: Linear Algebra, Applied Numerical Methods, Complex Analysis for Applications, Computer Graphics

EXPERIENCE

Web Development and Marketing Intern at Patent Sketch LLC

Summer 2021

- Brand redesign: designed and developed new website, created corresponding marketing assets
- Social media: analyzed web traffic patterns, compiled content ideas, researched and utilized relevant keywords
- Sales outreach: compiled list of 200+ potential clients and marketed product to them

Computer Science Instructor at Juni Learning

2020 – Present

- Teach Scratch, Python, JavaScript, HTML/CSS, and Java in 1-on-1 computer science sessions with students age 7-16

Design Director and Web Developer at ACM TeachLA

2020 – Present

- Design: lead designer for all projects, provide design critiques and training sessions for 50+ person team
- Development: contribute to front-end development of interactive learning modules using React library, focus on user interface

Design Contributor at Daily Bruin

2020 – Present

- Design web mockups, magazine spreads, and social media posts for the top daily newspaper at a four-year college

Biochemical Research Intern at San Jose State University

Summer 2019

- Used skills in graphics programs to develop method of quantifying waviness of layers in cell images through automated image analysis
- Co-author on Stanford-based research paper

SKILLS & INTERESTS

Programs: Adobe Suite (Photoshop, Illustrator, Animate, After Effects, InDesign), Figma, Blender, AutoCAD

Languages: Python, C++, Java, JavaScript, HTML/CSS

Fields of Interest: Web Design and Development, Computer Graphics, 2D Animation, 3D Modelling, Photo Manipulation, Vector Illustration