ARCHISHA DATTA

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EDUCATION

University of California, Los Angeles: *Mathematics of Computation, Minor in Data Engineering*

Graduation: 2023 | GPA: 3.9

- <u>Relevant Coursework</u>: Computer Graphics, Applied Numerical Methods, Mathematical Imaging

EXPERIENCE

Frontend Data Visualization Intern at Thermo Fisher Scientific

Summer 2022

- Conduct design reviews on financial dashboards
- Design and develop internal tools for revenue forecasting

Web Development and Marketing Intern at Patent Sketch LLC

Summer 2021

- <u>Brand redesign</u>: designed and developed new website, created corresponding marketing assets
- <u>Social media</u>: analyzed web traffic patterns, compiled content ideas, managed social media accounts
- <u>Sales outreach</u>: 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 (Association for Computing Machinery)

2020 – Present

- <u>Design</u>: lead designer for all projects, provide design critiques, code reviews, and training sessions for 50+ person team, create marketing material
- <u>Development</u>: 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

Programs: Adobe Suite (Photoshop, Illustrator, Animate, After Effects, InDesign), Figma, Blender, AutoCAD
Languages: Python, C++, Java, JavaScript, HTML/CSS