SPOORTHI CHERIVIRALA

Designer & Programmer
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Education

Carnegie Mellon University
Bachelors of Design &
Computer Science
Cumulative GPA: 3.95/ 4.00

John Foster Dulles High School
Math and Science Academy
GPA: 3.98 Rank: 8/650

Math & Science Academy: Secretary
Mu Alpha Theta: Vice President
Spanish Honor Society: Assistant
National Science Honor Society
National Art Honor Society: Manager

Skills

Programming

HTML/CSS | JavaScript | C/C++
SML | Java | Python | LaTeX

Tools

Figma | Adobe InDesign | Sketch
After Effects | Photoshop | Illustrator
SketchUp | Balsamiq | Blender

Methods

User Research | Info. Architecture
Prototyping | A/B Testing | Personas
Stakeholder Reviews | Storyboarding
User Workflows | Wireframing

MOOCs

MIT EDx: Introduction to CS
Coursera (UPenn): Design: Creation of Artifacts in Society
Udacity: Intro to CS: in Python
Coursera: Making Architecture

Relevant Coursework

Parallel & Sequential Data Structures
Princ. of Functional Programming
Intro. to Computer Systems
Princ. of Imperative Computation
Cognitive Psychology
Design Labs & Environment Studios

Academic Awards

CMU Dean's List 2020 - 2022
National Merit Scholar
National AP Scholar
NCWIT (Women in IT & CS):
Houston Affiliate Winner
President's Volunteer Service Award

Work Experience

Amazon | UX Design Intern May 2022 - Aug 2022

- Member of the Selling Partner Support UX Team designing a new support experience for Amazon Seller Central used by 2 million active sellers, worked on redesigning the case management system, focusing on improving search and filtering capabilities.
- Conducted user research and usability (A/B) testing with sellers via usertesting.com. Analyzed user experiences through personas, workflows, scenarios, and information arch. breakdowns. Developed Figma wireframes and prototypes for design and tech reviews.

MediaScience | UX Design Intern & Part-Time Designer Jan 2021 - Jan 2022

- **Primary In-House Designer:** Translated 50+ case studies in neuromarketing research for partnerships with corporations including Google, Hulu, and Comcast into distributable one-pagers and wireframes, which are displayed on company websites
- Designed/ redesigned business cards, icons, infographics, and pitch decks, and developed wireframes and interactive mobile/pc dashboards and website materials

Biomotivate | UX Interface Design & Data Viz Intern May 2021 - Sept 2021

- **UX Team:** Designed and prototyped staff dashboards and user interfaces for patient biometric data, A/B tested frequently with Opioid addiction treatment centers
- **Solo Project:** Created a comprehensive patient journey map for a National Institute on Drug Abuse competition based on NIH interviews; Won 2nd place awarded $30,000
- **Data Visualization Team:** Developed an interactive dashboard to display and analyze patient tech wearable data using JavaScript D3, HTML, CSS

Houston Kids Art Workshops | Non-Profit Business Founder Dec 2018 - 2020

- Designed, planned and conducted a non-profit business, from buying supplies, finding venues/ rent, to creating curriculum, to teach children ages 3-17 painting & drawing
- Over Covid-19, started private art lessons and sold canvas prints — raising $2000+ to date. All proceeds donated to Texas Children's Arts Program where I volunteered

Organizations

Design For America: CMU Chapter | Project Manager x2 Jan 2020 - Present

- Schedule meetings and connect with non-profit organizations to initialize new social community projects; Manage 6 project teams through the year; Help develop club website
- **National YMCA Project Team Lead:** Applied the human-centered design process to develop a mobile social networking app to aid youth in launching community projects of their interest with partnerships with peers, mentors, and local organizations

Congressional Youth Advisory Council | 22nd TX District Sept 2019 - May 2020

- Provided feedback on legislation to Congressman Olson; On the mock education workforce, drafted legislation on the treatment of children with disabilities in schools for mock congress; Participated in roundtable discussions on government responsibilities

Service

Texas Children's Hospital | Guest Artist & Volunteer Aug 2018 - Aug 2019

- Worked with over 150 cancer in/outpatients, conducting and planning art programs highlighting simple crafts and drawings, to raise spirits and appreciation for art
- Offered children a stress-relieving outlet to enhance their treatment; 150+ hours to date

Rita Drabek Elementary | Art Club Instructor Aug 2016 - May 2019

- Tutored 4th- 5th graders, enriching art skills in nontraditional mediums and provided expertise for national/ state competitions; Role model for pursuing art in middle school

Art & Design Recognitions

CMU School Of Design Merit Award Spring 2021
Channel 39 Houston | 5-Day Feature On The CW 39 "Art Spot"
Celebrating Art | National Magazine: Top Ten Winner in the US Twice
Scholastic Art & Writing | National Silver Medalist (Top 1% of 350,000)
Visual Art Scholastic Event | State UIL: 4 Gold Seals (Top 0.5% of 32,000)
United Nations Draw Disability Contest | Internationals
Selected among 100 Champions from 50 Countries; Exhibited at the UN Headquarters for International Day of Persons with Disabilities