

# SPOORTHI CHERIVIRALA

## EDUCATION

### Carnegie Mellon University

Bachelor of Computer  
Science & Design  
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: President Asst.  
National Science Honor Society  
National Art Honor Society: Manager

## ACADEMIC AWARDS

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

## SKILLS

### Programming

Python  
C  
SML  
Java  
JavaScript (D3)  
HTML/CSS  
Arduino (C+)  
LaTeX

### Tools

Figma  
Adobe Photoshop & InDesign  
Adobe After Effects & Illustrator  
SketchUp  
AutoCAD & Fusion 360  
Miro, Medium, Mural

### Languages

English (Native proficiency)  
Spanish (Limited working proficiency)  
Telugu (Limited working proficiency)

## MOOCs

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

## RELEVANT COURSES

Intro. to Functional Programming  
Intro. to Computer Systems  
Princ. of Imperative Computation  
Cognitive Psychology  
Design Labs & Environment Studios  
Concepts of Mathematics  
Differential Integral Calculus

**Designer & Programmer**  
www.spoorthi.design  
spoorthc@andrew.cmu.edu  
281.624.8677

## WORK EXPERIENCE

Jan 2021 -  
Jan 2022

### MediaScience | UX Design Intern & Part-Time Designer

- **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

May 2021 -  
Sept 2021

### Biomotivate | UI/UX Interface Design & Data Visualization Intern

- **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

Dec 2018 -  
Dec 2020

### Houston Kids Art Workshops | Non-Profit Business Founder

- 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

Jan 2019 -  
June 2019

### AUI Inc. & PetroEd | Digital Design & Marketing Intern

- Led a new advertising initiative by interviewing STEM educators around Texas and created educational publicity videos with storyboards & infographics for 1000+ viewers

## ORGANIZATIONS

Jan 2020 -  
Present

### Design For America: CMU Chapter | Executive Board: Project Manager x2

- Schedule meetings and email non-profit organizations to initialize new community projects; Manage 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

Aug 2014 -  
Aug 2020

### Future Problem Solving | President, Director

- Led district-wide club for international competition on developing innovative solutions for prevalent global issues; Scheduled communication with state officials; Researched topics; Launched advertising and community outreach; Won 6th place at Internationals

Sept 2019 -  
May 2020

### Congressional Youth Advisory Council | 22nd TX District

- 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

Aug 2018 -  
Aug 2019

### Texas Children's Hospital | Guest Artist & Junior Volunteer

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

Aug 2016 -  
May 2019

### Rita Drabek Elementary | Art Club Instructor

- 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 submissions nationwide (10,11); 7 Regional Gold & Silver Keys (10,11,12)

Visual Art Scholastic Event | State UIL: 4 Gold Seals

Gold Seal: Top 0.5% of 32,000 pieces of artwork statewide (9,10,11); Exhibited around Texas

United Nations Draw Disability Contest | Internationals

Selected among 100 Champions from 50 Countries by the UN Secretary-General's Global Education First Initiative; Exhibited at the UN Headquarters for International Day of Persons with Disabilities