

Andrew Chupka

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Work Experience

Caregiver, My Place, Watertown, WI

May 2024 – Sept. 2024

- Gave care to 5 male adults with developmental challenges in group home setting
- Trained in med pass. Ensured residents received medication and log book was accurate

Caregiver, Home Instead, Daytona, FL

Mar. 2023 – Nov. 2023

- Cared for dementia patients, stroke survivors and paraplegics in home and hospital settings
- Aided in house cleaning, feeding, bathroom aid, ambulation, med passing, and companionship
- Communicated with family members regarding client's and household needs
- Worked 3rd shift and taught myself HTML, CSS and JS while client slept to keep awake

Security Officer/Security Scheduler, Signal 88, Tampa, FL

Jul. 2022 – Nov. 2022

- Provided security for companies largest site at Fish Hawk in Lithia, FL
- Wrote detailed reports, informed property managers regarding suspicious activities and trained officers at site
- Promoted to scheduler and crafted schedules for officers and handled disciplinary write-ups

Undergraduate Learning Assistant, UCF, Orlando FL

Aug. 2020-Dec. 2020

- Held exercise reviews regarding course content, explaining solutions to students
- Held tutoring hours, answering student's questions and giving course project guidance

Projects

Simple Template | Next, React, Radix, CSS, TypeScript | [Project](#) | [GitHub](#)

- A template with MUI inspired primitives to clone to quickly get a project going
- Emphasizes minimal CSS at runtime in the browser with Modular CSS and utility classes
- Built a form validation system that takes a "rulebook" and theme with controlled and uncontrolled flavors
- Radix's primitives allow for a headless solution while offering accessibility and logic

Animated Graph | Next, React, D3JS, MUI, Emotion, TypeScript | [Project](#) | [GitHub](#)

- A graph theory inspired animation made with canvas and D3JS's d3.forceSimulation()
- Nodes connect via edges when within certain distance of each other
- Viewport width determines the number of nodes on the screen

Match Game | HTML, CSS, JS | [Project](#) | [GitHub](#)

- A match card game focused on matching animals
- Built with responsive images via srcset and sizes attributes, the rotation animation via rotate3d()
- Cards shuffled using Knuth Sort for O(n) and timer built with asynchronous setInterval()

Rotate Cube | HTML, CSS, JS | [Project](#) | [GitHub](#)

- A rotate cube demo with a focus on CSS 3d animation controlled with input fields
- Gained a greater understanding of the z-axis and stacking context

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Java, C

Libraries and Tools: HTML, Modular CSS, React, Radix, Next.js, MUI, Styled Components, Emotion, Vite, Node.js, NPM, Node.ts, Express.js, SQL, PostgreSQL, Vanilla Extract, Git, GitHub, Figma, D3JS

Education

University of Central Florida

2019-2021

Earned 76 credit hours towards B.S. in computer science w/ minor in mathematics | GPA: 3.5

Hillsborough Community College

2012-2014

A.S. earned with major in mathematics | GPA: 3.75, honors