

## Assignment 6.2 – Final Project Development 5

### 1. Fonts (with fallbacks)

- [Roboto](#), Helvetica Neue, Helvetica, Arial, sans-serif
- Verdana, Geneva, sans-serif
- [Roboto Mono](#), Courier New, Courier, monospace

### 2. Website Images

My Memoji:



Logo for my [Soft Player](#) application:



Code Background Image (possibly for hero section):

```
235  const drawBarcodeBox = useCallback((
236    barcode: DetectedBarcode,
237    rotation: number = 0
238  ): void => {
239
240    const canvas = canvasRef.current;
241    const video = videoRef.current;
242    if (!canvas || !video) {
243      return;
244    }
245
246    const canvasContext = canvas.getContext("2d");
247    if (!canvasContext) {
248      return;
249    }
250
251    logger.debug("drawBarcodeBox: will draw box for barcode:", barcode);
252
253    // clear previous drawings
254    canvasContext.clearRect(0, 0, canvas.width, canvas.height);
255    canvasContext.resetTransform();
256
257    const videoDimensions = calculateVideoDimensions();
258    if (!videoDimensions) {
259      logger.error("could not get video dimensions");
260      return;
261    }
262
263    canvas.width = videoDimensions.containerWidth;
264    canvas.height = videoDimensions.containerHeight;
265
266    // draw the box
267    canvasContext.strokeStyle = "#00FF00";
268    canvasContext.fillStyle = "rgba(0, 255, 0, 0.3)";
269    canvasContext.lineWidth = 2;
270
271    const corners = barcode.cornerPoints.map(corner => ({
272      x: (corner.x * videoDimensions.scale) + videoDimensions.offsetX,
273      y: (corner.y * videoDimensions.scale) + videoDimensions.offsetY
274    }));
275
276    if (rotation) {
277      canvasContext.rotateAboutCenter(-degreesToRadians(rotation));
278    }
279
280    canvasContext.drawPathWithCorners(corners);
281
282    canvasContext.fill();
283    canvasContext.stroke();
```

### **3. Webpage Text**

#### **Home Page:**

Hi, I'm Peter Schorn.

I'm a hard-working and quick-learning software developer based in Austin, Texas. I build cross-platform applications and developer tools using Swift, JavaScript, Python, and more. Whether it's creating polished macOS apps or crafting APIs and full-stack solutions, I focus on writing clean, maintainable code that solves real problems.

#### **Projects Page**

##### **Soft Player**

A macOS menu bar app to control Spotify playback

- Over 100,000 downloads
- View and control your Spotify playback directly from the menu bar
- Play your playlists
- Play your albums
- See your queue
- Transfer playback between your Spotify devices
- Seek to position in your tracks
- Change the volume
- Toggle shuffle
- Change the repeat mode
- Touch bar support

##### **SpotifyAPI**

A Swift library for interacting with the Spotify Web API

- 294 stars, 37 forks
- Includes CI and thorough test coverage
- Supports all the Spotify web API endpoints, including playing content, creating playlists, and retrieving albums.
- Uses Apple's Combine framework, which makes chaining asynchronous requests a breeze
- Supports three different authorization methods
- Automatically refreshes the access token when necessary

##### **Barcode Drop**

A full-stack web app for scanning, managing, and viewing barcodes in real time.

- Built with React, TypeScript, and Bootstrap on the frontend
- Integrates with a backend server via a WebSocket for real-time updates

- Uses the Barcode Detection API for live scanning via camera
- Features include scanning feedback (audio + vibration), error handling, and flash control for low-light scanning
- Designed for responsive use on both mobile and desktop

### **Showrunner**

Bootcamp project to track your favorite TV shows

- Helps users keep up with episodes

## **Resume Page**

### **Summary**

Software developer and tester with experience in Swift, JavaScript, Python, and frameworks like React, Express.js, and SwiftUI. Strong in debugging, CI, and cross-platform development.

### **Work Experience**

- *Independent Software Developer* (Dec 2019 – Present)
- *Fulfillment Associate, Amazon* (Jan 2022 – Present)
- *Team Member, Whataburger* (May 2015 – Dec 2018)

### **Education**

- Austin Community College – Associate's degree, General Studies (Aug 2018 – Dec 2023)
- ACC Software Developer Bootcamp – Completed March 2023
- University of Texas at Dallas – Computer Science (Partial, 2020–2021)

### **Skills**

Swift • SwiftUI • React • Node.js • Express.js • Docker • GitHub • Bootstrap • Debugging • Continuous Integration