

Taylor Carroll

SOFTWARE DEVELOPER
UI/UX DESIGNER

Say Hello!



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CAPSTONE: NATZHARMONY

[HTTPS://GITHUB.COM/TAYLORHCARROLL/
NATZHARMONEYCAPSTONE](https://github.com/taylorhcarroll/natzharmoneycapstone)

NatzHarmony is a case study and full-stack application created to serve as a mentorship program for Tennessee Immigrant and Refugee Rights Coalition. Users are able to create accounts and get matched with mentors based on their profile and matching preferences. Users are then able to chat with mentors. Scope, challenge statement, user research and testing were conducted as part of the case study. Hi-Fidelity mock-ups were created in Figma. The application back-end was built with C# and SQL database. The front-end was built with ASP.NET MVC and Bootstrap.

Case Study: <https://bit.ly/Alcanza2020>

CAPSTONE: WANDERLIST

[HTTPS://GITHUB.COM/TAYLORHCARROLL/
WANDERLIST](https://github.com/taylorhcarroll/wanderlist)

Wanderlist is an application that allows the user to pin a playlist from Spotify to a location on a map. This allows users to create and browse for the ideal soundtrack to their favorite trails or coffee shops. Additionally, it allows for users to browse the regional tastes of other locations. This application was created using the Spotify API, React, Leaflet, and Mapbox. The development was guided through user testing, interviews, lo-fi mockups, and hi-fi mockups in figma.

MIDSTONE: RIDEAWARE

[HTTPS://GITHUB.COM/TAYLORHCARROLL/
RIDEAWARE](https://github.com/taylorhcarroll/rideaware)

RideAware is an app create to solve the challenge of safety concerns when coordinating and picking up children from school. RideAware gives parents/guardians a seamless way to communicate with teachers and school staff. Technologies used were React, Javascript, Cloudinary and JSON-Server-relationship.

Personal Summary

Having spent many years working in IT, I have always been drawn to the problem-solving aspects of work. It is the ability to solve real-world problems for others that has given me the sustained passion for software design. I love being able see something that could be improved and quickly prototype something together to see if it works, then further research and improve upon the concept until I have a full-fledged application. I appreciate projects (and jobs) where I can feel that I am making a real positive impact to the world around me.

Experience

FULL-STACK DEVELOPER

Nashville Software School

February 2020 - May 2020

- Hands on application of OOP fundamentals through group and individual projects reflecting real world business problems .
- Project management/tracking with Trello and Github Projects & Issue Tracking .
- Deployed applications through Firebase and GitHub Pages.
- Executed unit testing to write testing suites for code .
- Application design through white boarding dependencies and building ERD's.
- Created and modified database design/content using SQL, ADO.NET, and ORM tooling, including exposure and experience with migrations .
- Created RESTful APIs with C#/.NET using WebAPI .
- Created MVC applications .

UI/UX & FRONT-END DEVELOPER

Nashville Software School

August 2019 - February 2020

- Daily hands on application of development fundamentals and principles through group and individual projects reflecting real world business problems.
- Source code version control with Git/GitHub.
- Builds single-page applications using HTML, CSS, and JavaScript with DRY, modular, readable code and reusable components and DOM manipulation.
- Style applications with CSS Flexbox and libraries like Bootstrap, and Material UI.
- Create user stories and personas based on thorough quantitative and qualitative user research.
- Produce meaningful visual and interactive design with strategic use of typography, layout, color, and behavior.
- Convey interactive story ideas and complex interactions with lo-fidelity paper wireframes and hi-fidelity Figma prototypes.
- Focus on user experience with intentional design around speed, efficiency, and smooth functionality.

APPLICATIONS TEAM LEAD

Philips Healthcare

April 2018 - August 2019

- Managed, trained, and mentored team of 8 to ensure appropriate coordination with over 300 hardware engineers to execute test cases on modalities.
- Performed data validation for on-site radio-graphic measurement data, to ensure data within acceptable parameters of existing equipment and historical records in SAP and Salesforce.
- Created Daily-Management board and lead daily meetings integrating Lean Principles, leveraging pareto charts and Kaizen processes to reduce call wait times by adjusting staffing needs based on the call volumes and call wait times.

Academic History

NASHVILLE SOFTWARE SCHOOL

Full Stack Development Bootcamp
02 2020 – 05 2020

Front End Development & UI/UX Bootcamp
08 2019 – 02 2020

UNIVERSITY OF TENN KNOXVILLE

Bachelor of Arts in Art History
08 2008 – 06 2012

Tech

- Figma
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- Material UI
- ReactStrap/Bootstrap
- React
- React Hooks
- Javascript
- CSS/HTML
- JSON Server
- Mac OS
- C#
- ASP.NET
- SQL Server
- Visual Studio
- .NET Core
- NPM
- REST APIs
- Postman
- Cloudinary
- Firebase
- Webpack
- Github

Skills

- User Research
- Personas
- User Testing
- Interactive Mockups
- User focused design
- Project Management
- Software Implementation
- Team management

IMPLEMENTATIONS & APPLICATION STRATEGY ANALYST

Outpatient Imaging Affiliates
April 2014 – April 2018

- Designed and created data flow and process flow diagrams in Microsoft Visio for all major applications, identifying redundancies to reduce waste and highlight opportunities for continued process improvement.
- Implemented, configured, and supported Radiology Information Systems software, Single-Sign on application, physician referral portal and automated patient appointment reminder and mass notification system.
- Designed and executed full training guides including manuals, one-pagers, and training videos and led classroom instruction for end-users and administrators for 22 centers.
- Developed custom scripts using javascript to assist with automation of application configuration for new sites going live on latest build of software, automation of stress testing of new application builds, and to enhance functionality of Single-Sign on application.
- Led implementation of go-live events involving a variety of applications and on-site travel, bridging the gap between Operations and IT.
- Built test documentation, including use-cases and test plans, and oversaw execution of regression testing.
- Built website landing pages, content for website and managed Google analytics for 22 company webpages.
- Coordinated and tested HL7 integration between multiple EHR systems.

CLINICAL SERVICE DESK ANALYST II

Outpatient Imaging Affiliates
April 2013 – April 2014

- Implemented new Standard Operating Procedures regarding image capture and deployment via Dell KACE, executed virtualization the K1000 server and multiple customized images, reducing time and costs associated deploying desktops in larger quantities.
- Provided PACS administration over all radiographic images ensuring the modalities are properly configured to reach the PACS servers and the servers properly configured to backup DICOM images on a daily basis.
- Deployed print servers and networked printers. Assisted with migration from XP to Windows 7 and regular hardware refreshes.
- Promoted to Implementation and Application strategy Analyst position 04/2019.

SENIOR TECHNICAL SUPPORT SPECIALIST VANDERBILT UNIVERSITY MEDICAL CENTER AUGUST 2013 – APRIL 2014

- Administered technical support to end users for all application and hardware related issues on Mac, PC, and mobile platforms, in an enterprise-level environment via phone, on-site, and remote.
- Managed Active Directory and security settings for departments in Group Policy in conjunction with local Bitlocker drive encryption to maintain HIPAA compliance.
- Setup, configured, and performed troubleshooting of VPN clients and desktop-virtualization software such as VMWare View clients for remote computing solutions.