

CAMERON STARK

Full Stack Web/App Developer

UI/UX Designer

<https://cameronstark.design/>

EDUCATION

Embry-Riddle Aeronautical University
B.S. Software Engineering

SKILLS

FRONT END

HTML
CSS / SCSS / SASS
RShiny

BACK END

Dart
NodeJS
R
JavaScript / TypeScript
C# / .NET Core / .NET Framework
Python / Pandas / NumPy
SQL / Transact SQL / MySQL / NoSQL

FRAMEWORKS

Flutter
Angular 7/8/9
Xamarin / UWP

TOOLS

Visual Studio Code / Visual Studio
Google Cloud Platform / Firebase
Figma / Adobe XD
Teradata / Oracle / MySQL / Azure
Github

CONTACT

WORK EXPERIENCE

Embry-Riddle

Oct 2019 – May 2020

Software Engineering Research Assistant

Developed and Designed a platform for automating Autonomous Vehicle (AV) scenario generation by creating a system of a crash being entered into the system and automatically generating “interesting” cousin scenarios to be used to train AV models of the crash situation

Tech Stack: MatLab, AV Toolbox, Simulink

American Airlines

Jan 2018 – Aug 2018 & May 2019 – Aug 2019

Reliability Co-Op Software Engineer

Developed and Designed Over 20 Data Access Applications for various departments in Tech Ops, replacing the aging Intel Cognos reports, allowing for drastically improved data collection speeds for the engineers

Developed and Designed various dashboards to improve the readability and effectiveness of teams to get the information they need to monitor, track and get information on trend data

Tech Stack: R, RShiny, Angular, NodeJS, TypeScript, JavaScript, Python, Teradata

Aerial Applications

Oct 2017 – Dec 2017

Software Engineering Intern

Developed a Windows Service to control and distribute processing items to farm computers, that would process image data, as well as send computer health data to a web server to be displayed on a web site for easy monitoring

Tech Stack: C#, .NET, LINQ, Ruby On Rails

Embry-Riddle & FAA

Oct 2017 – Dec 2017

Software Engineering Intern

Developed the Front-End portion of a training program for use at the Air Traffic Controller En-Route training facility, where students can practice station duties and tasks outside of class

Tech Stack: VueJS, CSS, ASP .NET

Belcan Engineering, LLC

May 2017 – Aug 2017

Software Engineering Intern

Reversed Engineered multiple Excel and Access Macros to understand the data and what post processing was occurring to Design and Develop modern applications to increase the productivity of the Pratt & Whitney engineers

Tech Stack: C#, .NET, VBA, SQL

PROJECTS

EcoCar Mobility Challenge – Team Project

Nationwide competition sponsored by NXP, GM and others to create a Hybrid vehicle with CAV features, specifically worked on the HMI portion to educate the rider/driver on the features of ADAS.

Flutter, Google MLKit

LogbookZero - Personal Project

Web, Android, iOS

Digital logbook for pilots to track and monitor flight hours and document/license renewals, as well as export files.

Flutter, Firebase, GCP, Angular, SCSS