AUSTIN HARTSCHEN

austin@austinhartschen.com · (816)-752-0910

WORK EXPERIENCE

Garmin   Olathe, KS
Software Engineer   January 2019 | Present

- Active in the design and development of an internal web application built using React and a Node.js RESTful API - ultimately reducing errors in aircraft software configuration.
- Airframe Lead for Diamond DART. Tasked with understanding software requirements, configuring software, and implementation and integration of customer specific features.

Software Engineer Intern   May 2018 | December 2018

- Tested embedded software with internal modular testing framework, ensuring that the rigorous standards enforced by the FAA are met and exceeded.
- Identified and corrected bugs introduced by a large change that added support for more network connections within the Garmin Integrated Flight Deck.

University of Missouri - Library Technology Services   Columbia, MO
Student Software Developer   February 2018 | May 2018

- Developed digital signage software for a Raspberry Pi that pulled images from a network drive and displayed a slideshow at campus libraries.
- Contributed to the implementation of an auto-complete search feature on the library's website.

Hy-Vee   West Des Moines, IA
Software Development Intern   May 2017 | August 2017

- Collaborated with a team and began development on a cross-platform Xamarin application to aide stores and warehouses in fulfilling online grocery orders.
- Aided in the implementation of a library that allowed company owned devices to authenticate on each store's network.

MILITARY EXPERIENCE

Missouri Air National Guard   St. Joseph, MO
Staff Sergeant - Aerospace Maintenance   April 2014 | Present

- Perform maintenance, service, and inspection of aircraft and aerospace support equipment utilizing technical data.
- Review maintenance forms, aircraft records, and reports to ensure accurate documentation.

PROJECTS

Linklist

- Bookmark manager built with Django that allows users to quickly save, tag, and flag web pages.

Blockchain Marketplace

- Senior Capstone project built with a small team that provided an online peer-to-peer marketplace implemented using Flask and a blockchain as the underlying data structure.

SKILLS

Languages:	Python, TypeScript, SQL, C, Node.js, HTML, CSS
Libraries, Frameworks & Tools:	React, Django, Flask, Git, Jenkins, Docker, AWS

EDUCATION

University of Missouri - Columbia
Bachelor of Science - Computer Science
Minor in Mathematics
GPA: 3.66