Colten Judice

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WORK EXPERIENCE

National Instruments   August 2022 - December 2023

Software Engineer

- ❖ Developed an [electric vehicle battery testing software suite](#) and integrated with other NI products, namely SystemLink, Veristand, and TestStand
- ❖ Contributed to C#/.NET and Angular codebases
- ❖ Performed a massive refactoring task in a large enterprise codebase without disturbing other contributors' work
- ❖ Wrote XML schema for test definitions
- ❖ Wrote comprehensive justifications and descriptions for all pull requests
- ❖ Squashed bugs during a time crunch before product release
- ❖ Wrote regression tests to validate behavior of new and existing features
- ❖ Assisted intern by helping setup his environment and answering programming questions
- ❖ Implemented course and granular exception handling to provide useful information to the user for rectifying problems
- ❖ Wrote reactive, asynchronous, event-based code with RxJS

American Airlines (contract role)   November 2021 - August 2022

Software Engineer

- ❖ Ported an aircraft maintenance scheduling application from Delphi to .NET/C#
- ❖ Contributed to a React flight schedule monitoring application
- ❖ Discussed and made decisions about architecture

Ayoka Systems   August 2020 - November 2021

Software Engineer

- ❖ Build custom enterprise applications (.NET/C#, Google Cloud, AWS, Vue, embedded Linux, Yocto, Mender)
- ❖ Contributed to several projects simultaneously
- ❖ Acted as the primary liason between the company and project stakeholders
- ❖ Mentored and delegated tasks to junior developers

EDUCATION

The University of Texas at Austin   August 2020

Bachelor of Science and Arts

Computer Science

Minor in French

SKILLS

Programming Languages: C, Typescript/Javascript, C#, C++, Python, Bash
Technologies: Docker, Kubernetes, AWS, STM32Cube
Frameworks: .NET, Angular