



Jordan Cannon

Software Developer

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Summary

I've always enjoyed creating things and solving problems. That coupled with my interest in mathematics led me to study mechanical engineering. In school, I had the opportunity to program industrial robotic equipment, write scripts to process and visualize experimental data, and simulate various fluid and thermodynamic systems. While mechanical design and 3D modeling remain fascinating to me, my focus has shifted to computer programming.

I am familiar with a variety of web development technologies including traditional server-rendered web pages, single page applications, and REST APIs. I have experience with the design and maintenance of relational databases and am comfortable deploying applications to both Windows and Linux environments. In addition to web development, I've also written automation scripts and plugins for office products and CAD software.

Skills

C#

F#

SQL

ASP.NET

JavaScript

TypeScript

Bash

PowerShell

Windows

Linux

Web Scraping

Data Visualization

React

MUI

Next.js

Git

AWS

Experience

Freelance Software Developer

February 2021 - Present

I work as a full stack software developer specializing in creating .NET and React applications such as:

- A video archive where users share their life stories
- Admin interfaces with complex forms
- A web scraper for a football betting leaderboard
- REST APIs providing data to SPAs
- AutoCAD plugins

Product Engineering Intern at Heraeus Electro-Nite

June 2018 - August 2018

I collaborated with another intern to build a 3D Parts Database from existing 2D drawings using Autodesk Inventor. I produced over 800 parts, drawings, and assemblies which included thermocouples, samplers, and other components for the steel industry. I also wrote programs to extract product information from SAP and to automate workflows in Excel and Inventor.

Assembler at Factory Cat

July 2017 - August 2017

I performed durability testing on a new product being developed and built subassemblies to supply the main line.

Mechanical Engineering at Milwaukee School of Engineering

2015 - 2018

Not completed. Senior standing. GPA: 3.6