

David Murray

Austin, TX

I am a junior-level developer rejoining the tech community after exploring a career in modern manufacturing. I have recently updated my skillset with additional education and freelance projects.

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Skills

Software/Interfaces

Visual Studio Code
OS X Terminal
Heroku
AWS
GitHub
Mastercam

Database Technologies

Postgres
SQL
Knex.js

Language/Scripting

JavaScript / Node.js
Express Server
HTML
Encapsulated Java Script
CSS
G-Code

Operating Systems

iOS
OS X
Windows

Projects and Employment

Brandt Precision Machining – Website Rework | <https://brandt-precision.herokuapp.com/>

November 2018

A mobile-first approach was central in the re-development of the Brandt Precision Machining website, resulting in much-needed improvements in laptop, tablet, and smartphone compatibility. Features like one-touch dialing for mobile devices, zoom-able portfolio graphics, embedded Google maps, and a quote request form now deliver richer, more-dynamic content and reflect a quality consistent with the business.

Brakumo - Data-Driven Band Website | <https://brakumo.herokuapp.com>

September 2018

The shortcomings of static band websites were avoided by utilizing a Postgres database to dynamically deliver content. Managed through administrative web forms, timely information is added remotely while outdated information is removed automatically, all without the need for web-editing software.

CryptoCurious - API-Driven Website | <http://cryptocurious.surge.sh/>

August 2018

A partnered student project, CryptoCurious employs three APIs and a trading card style interface to counter the coldness of typical financial websites with a fun, stimulating experience.

CNC Machinist / Programmer / Inspector

April 2004 – July 2018

Operated autonomously, dealing directly with engineers, management, and clientele in the manufacture of intricate, high-tolerance components for the aerospace, military, fiber optics, medical, and other precision-oriented industries. Performed extensive, documented inspections in ISO-certified environments for medical devices and government-contracted flight hardware, assisting in the creating of inspection methods.

Brandt Precision Machining (Austin, TX) | January 2011 – July 2018
Bannister Tool (Austin, TX) | June 2008 – December 2010
REF Machining (Austin, TX) | January 2006 – May 2008
Arizona Research and Manufacturing (Tucson, AZ) | April 2004 – September 2005

Scanhappy Web Services - Owner / Chief Developer (Tucson, AZ)

May 2000 – April 2004

Delivered web design and development services specializing in data-driven content. Project development environments primarily utilized Microsoft's Active Server Pages (predecessor to .NET) and SQL 7 databases. Clients of note include IBM, Sony, and The University of Arizona.

Palo Verde Software - Graphic Artist / Programmer / Technical Writer (Tucson, AZ)

June 1997 – May 2000

Generated original artwork and graphics for a custom software developer. Created digital images for use in software, the Internet, and advertising. Utilized acquired programming skills to produce several in-house and client web applications.

Education

Galvanize – Web Development Immersive (Austin, TX)

July – September 2018

References

Available on Request