

# David Murray

Austin, TX

I am a web developer rejoining the tech community after exploring a fruitful 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  
GitHub  
Mastercam

### Database Technologies

PostgreSQL  
SQL  
Knex.js

### Language/Scripting

JavaScript / Node.js  
Express Server  
HTML  
Embedded 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 Managed through administrative web forms, timely information is added remotely while outdated information is removed automatically without the need for web-editing software.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 creation 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. Edited and collaborated on help file and documentation formation.

## Education

**Galvanize** – Web Development Immersive (Austin, TX)

July – September 2018

## References

Available on Request