

ABOUT ME

I'm an experienced developer with a wide range of technologies in my toolbox. I started coding in high school and I've never regretted it since. Making high quality software that is genuinely useful is my passion.

WORK EXPERIENCE

Transcript Hero *Owner/Developer/Designer*, April 2018 - Present

Transcript Hero is a SaaS product I developed for homeschooling parents who need to produce high-school transcripts for their children.

- ▶ Conducted market research
- ▶ Evaluated and selected a technology stack,
- ▶ Developed a performant, well architected code base
- ▶ Designed a modern and friendly user interface
- ▶ Worked with a customer to meet their requirements
- ▶ Deployed the production service

Technologies:

- ▶ Python / Flask / SQLAlchemy
- ▶ HTML / CSS / JavaScript
- ▶ PostgreSQL / MySQL / SQLite
- ▶ Linux / Ansible / Docker
- ▶ Visual Studio Code / Git

Home School Legal Defense Association *Programmer/Analyst*, July 2016 - February 2020

HSLDA is a nonprofit organization that makes homeschooling possible for families through legal aid, educational consultants and educational policy advocacy.

- ▶ Developed a new membership signup form which increased signup rates
- ▶ Upgraded, optimized, and extended various donation forms
- ▶ Designed, maintained and integrated a web API with several CRM and AMS platforms
- ▶ Decompiling and debugging poorly documented APIs
- ▶ Converting, scraping, and archiving old content into a CMS

Technologies:

- ▶ C# / .NET / Visual Studio / Git
- ▶ HTML / CSS / JavaScript / TypeScript
- ▶ ASP.NET MVC / Web API
- ▶ Windows / IIS / SQL Server
- ▶ Salesforce

Automation Excellence

Web Developer, 2013-2014, March - July 2016

While at Automation Excellence I worked with several different clients to address their web site needs.

Technologies:

- ▶ PHP / Ruby
- ▶ HTML / CSS
- ▶ Drupal / Wordpress
- ▶ MySQL / Linux

Personal Projects 2010-Present

In the field of Information Technology it pays to continually expand your abilities. These projects are some experiments with new technologies to ensure I always have the right tool

- ▶ MD5 hash function written in Go ([On Github](#))
- ▶ Secure Password Generator (rehack.me/passwords)
- ▶ Random Face Generator (rehack.me/randomface)
- ▶ Coconut Blog Engine ([On GitHub](#))

Technologies:

- ▶ Python / Go / C / C++
- ▶ HTML / CSS / JavaScript
- ▶ MySQL / SQLite
- ▶ Linux / Docker / Ansible

SKILLS

Quick Learner I can pick up new tools and processes rapidly and adjust to work with people quickly

Pragmatic and adaptable I understand that software is developed in and for the real world. I have learned to use methodologies such as Scrum and Agile that allow teams to produce quality products in the midst of changing requirements.

Experienced I've made mistakes and I learned from them. I am familiar with best practices such as unit testing, code reviews, source code management, and software security.