

Dave Alger

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All software has one common goal — to make life easier for people! Software doesn't need to be pixel perfect in order to accomplish this task, however, it will not last if it doesn't improve the lives of its users in some way. This is why I am passionate about staying on top of the latest principles in software usability and design. I am currently ranked among the Top 25 contributors in the world on [UX Stack Exchange](#).

I gravitated towards web development early and have over 2 decades of experience developing software. I've seen the rise and fall of many web technologies. My more recent creations can be found on [Code Pen](#) or [Code Sandbox](#).

I'm driven to share the knowledge and experience I've obtained throughout the years with other web developers. I strive to help the teams I join reach their full potential. Thank you for considering me as a new member of your team. I hope to grow with your company as we make life easier for everyone.

- Dave

MX

2020 - Current

MoneyMap

2020 - Current

The MoneyMap team at MX is responsible for the flagship digital money management product with over 25 million users. Most of my work so far has been around localization and making existing code usable in any mobile browser.

MX goes to great lengths to ensure the security of account credentials stored and transactional data processed. MX goes beyond industry standards to protect end users. Everything is encrypted on both sides of the firewall with rotating keys re-encrypting stored data every 10 minutes! Even a hacker on the inside would have a hard time breaching the data.

To see MoneyMap widgets in action visit <https://vimeo.com/showcase/7110537>.

FamilySearch

2015 - 2020

Discovery Team

2017 - 2020

The goal of the Discovery Team at FamilySearch was to make it easier for beginners and younger visitors of the site to learn about themselves. I helped remove many barriers to family history by building experiences that are fun and engaging. I coded/designed many native web components as well as React JS components. The Compare-a-Face discovery experience allows users to upload a selfie (from their phone or computer) in order to see which of their relatives they look the most like. The All About Me discovery experience allows unauthenticated guests to type in their name and birth year to discover all sorts of interesting facts about their name and year they were born.

Try these and many other discovery experiences at familysearch.org/discovery.

Home Team

2016 - 2017

I took a position on the Home team at the end of 2016. This team is at the heart of FamilySearch and is responsible for core UI components used across the organization. The codebase is mostly

Polymer but still needs to respect technologies such as Angular and jQuery being used by other teams. I work closely with the Core team to ensure quality, security, and accessibility across the FamilySearch site.

Indexing Team

2015 - 2016

I joined the familysearch.org Indexing team in November of 2015 as a Senior Web Developer. I was able to reorganize the 3 year old Angular code base to follow a consistent style making it easier to debug and maintain.

- I improved the automated unit tests to run more quickly and terminate while leaving the browser open upon failure making it easier to track down problems.
- I extended the common image viewer to have a ribbon viewer option which could be used by other teams at FamilySearch.
- Developed a way to turn certain images into text and then auto-index them using only JavaScript (watching an image index itself on the client is really cool -- ask for a demo)

SolarWinds

2006 - 2015

Angular UI

2014 - 2015

I helped pioneer a new open source library of custom directives and UI components which are intuitive, easy to use and lightning fast!

SolarWinds Quality of Experience (Deep Packet Inspection)

2013 - 2014

I helped design and implement a new feature in SolarWinds flagship product which helps IT professionals answer the age old question, "Is it the application or the network?". Users can choose to monitor any number of applications and see things like "How much of all the traffic on my network is Skype?" and "What's the time to first byte on my production SQL server?"

- I came up with a way to ship with nearly 1200 applications pre-configured and easily searchable out of the box which greatly reduced the barrier to entry for new users.
- I also designed and developed a responsive charting mechanism to clearly show any size data in the available screen real estate.

SolarWinds Alert Central

2012 - 2013

I took on the role of Front End Development Lead for a new HTML 5 application called [Alert Central](#) in March of 2012. This product was designed to solve a problem that almost every single IT organization has to deal with on a daily basis; Getting alert emails to the right people, on the right team, at the right time. Starting with zero lines of code, I was able to help architect and prove out early SPA prototypes using Sencha's extjs 4.0 framework. Leading a small team of 3 developers, I either wrote or reviewed 100% of the Alert Central UI code base. The end result is a single page web application that is not only beautiful but also performs well in any browser.

- Alert Central is easy to deploy as a virtual appliance so [download it for free](#) and try it out!
- One of our early adopters [tweeted this](#) which made the attention to detail on Alert Central worth it: "@solarwinds When are you guys gonna build a beautiful UI like on Alert Central into NPM?"

SolarWinds Log & Event Manager

2006 - 2012

In March of 2006, I helped design and build one of the best Security Information Management systems on the market. We won multiple awards and were ultimately acquired by SolarWinds in July of 2011. In my role as Senior Developer, I spent most of my time writing low level ActionScript code to bend the Flex framework past its limitations. I love making components that are both beautiful as well as performant.

- "For its power and simplicity" our product won [SC Magazine's "Best Buy" Award](#) in 2010
- I was the sole front end developer for the company's Business Intelligence product known as [InSight](#).
- One of three core front end developer for [SolarWinds Log & Event Manager](#).
- Won a number of awards and achievements for outstanding products and customer satisfaction.

Microsoft

2000 - 2006

Microsoft Office - Business Intelligence

2003 - 2006

I spent three years as an SDET on the Office team at Microsoft. Basically I wrote code to test other code. I developed a test harness using C# and wrote many automated test cases across two different business intelligence products. I developed an aptitude for quality and passion for

security. I developed a great working relationship with many bright software engineers at Microsoft that continues today.

- Earned two Microsoft Ship-it awards for [Business Scorecard Manager](#) and an [OLAP Excel Add-in](#).

Microsoft Certified Professional Portal

2000 - 2003

I helped test the massive data warehouse behind Microsoft's Certification system. This includes all MCP exam questions and answers for every quiz attempt. The production system required nearly 100% uptime for both reading and writing massive amounts of data.

- Test Lead over migrating the [MCP website](#) users over to the Passport authentication system.

Peer Reviews

“Dave Alger is a great asset to any team. He brings energy, ideas, and a can do attitude that is really great.”

— *Chris Anderson (QA Lead)*

“If he doesn't know the language today, give him the weekend and he'll have designed and published a new product for you in it.”

— *Brandon Ward (Senior UX Designer)*

“I have been continually impressed with his dedication, creativity, and attention to detail. Working with him over the last few years has been a pleasure.”

— *Robert Triebwasser (Senior Software Engineer)*

Find out more on LinkedIn

www.linkedin.com/in/DaveAlger

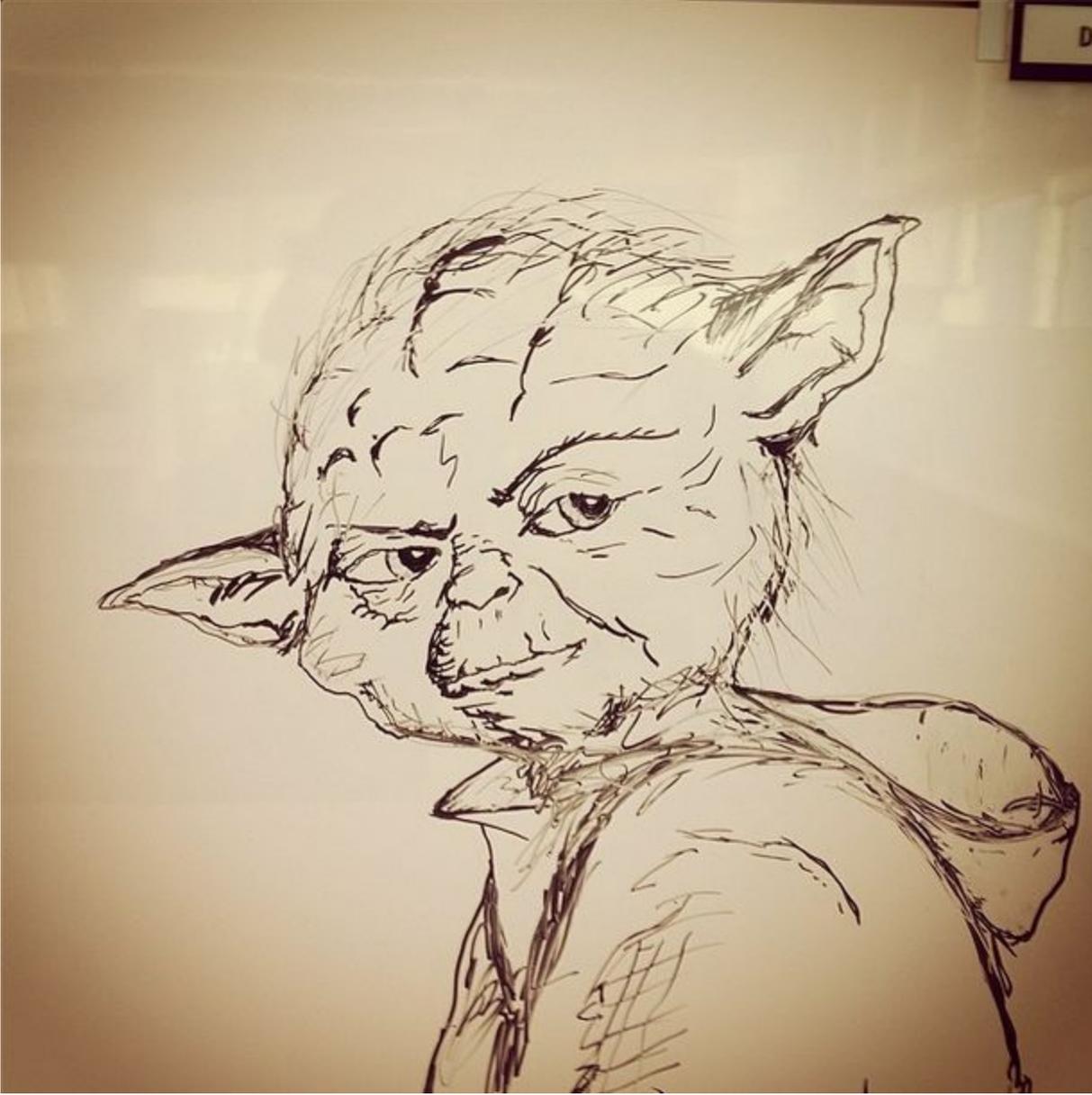
Just For Fun

Web browsers are not my only canvas. Here are a few images taken from my whiteboard...

Let the power of **JavaScript** consume you!



There is no try... (*catch*)



Not the "Droid" you're looking for...

