

AARON DANCER

Software Engineer, Designer, & Event Organizer

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EDUCATION

University of Houston – *Computer Science, Leadership & Management Minor*

May 2017

- CougarCS – Director of CodeRED Hackathon
- Major League Hacking Coach

SKILLS

- JavaScript
- React
- Redux
- Meteor
- C#
- Angular.js
- Node.js
- PHP
- Java
- HTML5
- CSS3
- Sass & LESS
- Obj-C/Swift
- SQL
- MongoDB
- Microsoft Azure
- Git
- Agile

EXPERIENCE

SSL.com – *Lead Software Engineer and Designer*

February 2015 - Present

- Full-stack web development of the work-in-progress overhaul of the SSL.com website using JavaScript ES2015/2016, React, Redux, GraphQL, Ruby on Rails, Node.js, PHP, and MariaDB.
- Full-stack web development of the SSL.com main website, consumer solutions, and enterprise solutions using JavaScript, Angular.js, PHP, MySQL, Ruby on Rails, and Node.js.
- Development and management of developer operations

Microsoft – *Student Partner*

August 2015 - Present

- Promotion of the Microsoft brand, products, and services.
- Organization and execution of tech talks, workshops, and events.
- Development of tools and libraries to aid with using certain web frameworks on Microsoft Azure.

Coursality (Startup) – *Co-founder, Lead Engineer, UX Researcher*

April 2014 – September 2015

- Development of the online course system that adaptively delivers content to the user using machine learning. Built using Node.js, Angular.js, Express.js, & MongoDB.
- UX research utilizing heat maps, eye tracking, and machine learning (JavaScript and Node.js)

7PM – *Senior Software Engineer*

August 2009 – January 2015

- Created security and monitoring software solutions for schools and businesses. Resulting in 18% less overhead compared to other solutions.
- Created interactive online presentations allowing for remote presentations and more interactive in-person presentations.
- Created an in-browser 3D model tour and viewer for oil rigs and architecture created using three.js and Django.
- Created JavaScript physics library for use with Babylon.js and Three.js contracted by a major game engine company. Providing a 31% performance increase over open-source solutions.
- Lead development of Scriber, a full-featured word processor using C# with WPF.

PROJECTS

- Pulsar** - Created at HackGT winning the Best use of Mandrill API Award, Pulsar is an offline data propulsion framework that allows for applications to send and receive internet data without using Wi-Fi or cellular data. Built using PHP as the backend framework and the demo iOS app and SDK built using Swift.
- GoogIffiti** – Created at TAMUhack 2014 winning 1st Place Overall, GoogIffiti is a Chrome extension that lets you markup the web, see the public 'wall' of a web page, and share private markups. Built with JavaScript, HTML5, CSS3, and Parse.
- Kalmiya** - An ambitious project that expands the capabilities of Microsoft's Cortana personal assistant on Windows 10. Some of the expanded capability includes easy creation of custom commands, integrate non-UWP apps and services into Cortana, automation of virtual workflows, IoT integration, and mobile/remote interfacing. Built using C#, JavaScript, & Node.js.

HONORS & AWARDS

- 1st Place Overall – TAMUhack 2014
- Best use of Mandrill API – HackGT 2014
- AT&T Best Mobile App – HackDFW 2015
- 1st Place in Yodle Puzzle Challenge – HackTX 2014
- Intel Best use of Weather Underground API – HackDFW 2015
- Best Application – CodeDay Houston S14
- MVP – UHD Hackers