

AARON DANCER

DEVELOPER • DESIGNER • ORGANIZER

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SKILLS

- ▶ Java, C++, Objective-C, Swift, Ruby on Rails, JavaScript, PHP, C#, Python, MongoDB, MySQL
- ▶ Photoshop, Illustrator, Sketch, SketchUp, InDesign

EXPERIENCE

COURSALITY, CEO – APRIL 2014 - PRESENT

- ▶ Development of the online course system that adaptively delivers content to the user. Built using Ruby on Rails & MongoDB. coursality.com
- ▶ Development of web and mobile user experience allowing for optimal user learning and engagement.

STUDENTRND, CODEDAY HOUSTON ORGANIZER – APRIL 2014 - PRESENT

- ▶ Volunteer organizer and mentor for the seasonal CodeDay Houston hackathon. Helping participants learn and break through issues with workshops and one-on-one/team mentoring. codeday.org/houston

7PM, SENIOR SOFTWARE ENGINEER – AUGUST 2009 - JANUARY 2015

- ▶ Created an online 3D model viewer using JavaScript and Python utilizing an in-house fork of three.js and Django.
- ▶ Created Scriber, a full featured word processor with built-in essay formatting (MLA and APA) and plagiarism checking using C# with Windows Presentation Foundation.

REALGROWTH, LLC., SOFTWARE ENGINEERING INTERN – 2013

- ▶ Developed various websites and templates with HTML5, PHP, Ruby on Rails, and JavaScript.
- ▶ Created an app for real estate investors and realtors to visually keep track of properties and get public information on potential properties using Objective-C & Swift for iOS and Java for Android.

PROJECTS

- ▶ Googlfiti, created at TAMUhack **winning 1st overall** is a Google Chrome extension that allows users to markup the web and share their markups. Built using JavaScript and HTML5 Canvas. bit.ly/googlfiti
- ▶ Pulsar, created at HackGT **winning the best use of Mandrill API award** enabling interaction with the web and data without mobile data and Wi-Fi using SMS. Built using Swift, PHP, and the Twilio and Mandrill APIs. bit.ly/hackgtpulsar
- ▶ Pennjamin's Travels, a game created at PennApps that demonstrates the ability to control video games with your mind. Built using the Muse EEG device and Python.

EDUCATION

UNIVERSITY OF HOUSTON-DOWNTOWN – COMPUTER SCIENCE – CLASS OF 2017 – 3.75 CS GPA

- ▶ CodeRED Organizer - Head of online and UHD outreach, marketing, and sponsor relations.
- ▶ Major League Hacking Coach, President of UHD Hackers, Chief Technical Officer of True North Startups
- ▶ Courses: Data Structures, Computer Organization & Machine Language, Operating Systems, Software Engineering