

Scott Julian

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EMPLOYMENT

Sr. iOS Engineer / The Receptionist, Denver CO

Feb 2020 – Present

Sole iOS Engineer responsible for the development, testing, designing, and maintenance of The Receptionist iPad kiosk app. Improved performance, reliability, and testability of the entire mobile stack utilizing tools such as: instruments, fastlane, and appcenter.

Sr. Lead Mobile Engineer / SPOTX, Broomfield CO

June 2014 – February 2020

Developed native applications and frameworks/libraries for both iOS (Obj-C, Swift) and Android (Java). Delivered first to market server-side video ad framework for Apple's tvOS. Worked extensively with typescript to bridge the communication layer between native frameworks and platform JS applications. Set up and utilized TDD and BDD with CI tools, Jenkins, Git, MVVM, Coordinator, Core Data, Swift, and Boxing.

Software Engineer / MyTurf, Austin TX

April 2013 – June 2014

Full stack developer at this startup working with the LAMP/LNMP stack. Built front and backend applications and tools with JS, JQuery, and PHP. Maintained 20+ production servers. Scaled from a few thousand end users to over one million. Used Cpperegg, Monit, xhprof, and bash scripts.

Teaching Instructor - Dr. Anne H. H. Ngu / Texas State University

Jan 2013 – May 2013

Taught, tutored, and created OOP, OOD, MVC, DDD, TDD assignments for students in Java

Optimization & Deep Web Researcher / Texas State University

May 2009 – May 2013

Developed a system (in C) to find optimal compiler flags for GCC and Open64 and to automate the underlying system, Pseat, and record performance with Parsec under the direction of Dr. Apan Qasem. Co-authored and published a paper presented at SIGIR '14 conference that demonstrated our software, ServiceXplorer, which utilized the EMD algorithm to search for web services (WSDL) with a web interface (LAMP).

EDUCATION

B.S. Computer Science & B.S. Mathematics

Texas State University 2012

PUBLICATIONS

ServiceXplorer

A Similarity-based Web Service Search Engine (<http://sigir.org/sigir2014/finaldemos.php>)