Josue Espinosa

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SKILLS

Programming Languages	C, C#, C++, Java, JavaScript, Kotlin, Objective-C, PHP, Python, Swift
Web Technologies	Angular.js, CSS3, Express.js, HTML5, jQuery, Node.js, Socket.io, SQL, WordPress

EXPERIENCE

Intuit
June 2019 – Present

Mobile Developer – Eagle, ID

I define and build new features on the Android and iOS TSheets apps in a modular, testable manner for nearly 1,000,000 monthly users. I also maintain the codebase, assist in the REST API design process, resolve app issues reported by our users, and perform code reviews for other team members.

VYNYL
March 2015 – June 2019

Full Stack Engineer – Boise, ID

Created and maintained software for clients ranging from small businesses to enterprise corporations.

Yale University
May – August 2017

Android Developer – New Haven, CT

- Redesigned foundational sync process of the Yale Trellis application for Android
- Reduced sync process time by 92% through compression algorithm and updated API endpoints
- Collaborated with Backend Engineer to minimize API calls necessary to synchronize device/server
- Worked on bug fixes, user interface updates, and performance enhancements

Jimmy John's
May – August 2016

Frontend Developer – Boise, ID

- Wrote advanced data import/export feature with data mapping and optional parameters
- Created drag-and-drop user interface element to allow items to be reordered within web app
- Redesigned and optimized database schema

SNOCRU
March – September 2015

Android / iOS Developer – Boise, ID

- Updated SNOCRU to version 3.0 with a major user interface redesign
- Refined tracking algorithm to substantially improve accuracy and performance
- Implemented interactive heat mapping to visualize speed and density
- Added Apple Watch and Pebble Smartwatch compatibility

Hewlett-Packard
July – October 2014

Software Development Intern – Boise, ID

Worked on a real-time collaboration tool between the Boise and Rio de Janeiro office using AngularJS, C#, and the Google Chrome Developer Tools.

OFFTHEFIELD
March 2013 – July 2014

iOS Engineer – Meridian, ID

Designed and implemented an iOS application to view two videos side-by-side, stacked, overlaid, or windowed, with intricate drawing and time-control tools to visualize athlete progression.

EDUCATION

University of Auckland
New Zealand

Undergraduate Project in Computer Science, A+ – Auckland, NZ

Conducted research and wrote a paper under the supervision of the director of computer science on generating song lyrics with a recurrent neural network using long short-term memory.

University of Idaho
United States of America

Bachelor of Science in Computer Science, 3.51/4.00 – Moscow, ID

Courses in algorithms, data structures, artificial intelligence, machine learning, programming languages, computer architecture, operating systems, databases, theory of computation, compiler design, and many others covering important components of theory, abstraction, and design.

PUBLICATIONS

Meet Cyrus
April 8 - 12, 2019

34th ACM/SIGAPP Symposium On Applied Computing – Limassol, Cyprus

Godinez, Josue Espinosa, and Hasan M. Jamil. "Meet Cyrus – The Query by Voice Mobile Assistant for the Tutoring and Formative Assessment of SQL Learners." Proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing. ACM, 2019.