

# Sonny Trujillo Jr.

## Software Engineer

Software Engineer with 6+ years of experience building highly scalable and complex software products in fast moving environments. Worked on the development of uSTADIUM from specification to final product while improving existing code to reduce network load between database and server. I look forward to working with a team of talented engineers!

## Experience

- 2016/12 - present**      **Lead Engineer / CTO**  
*uSTADIUM*
- Defined application specifications for Android, iOS, Web, and the server and assigned issues to developers.
  - Used NodeJS, MySQL, and Redis in Google Cloud to build a scalable backend server for handling requests between the various platforms.
  - Built custom caching system with Redis, MySQL, and NodeJS to increase average request response time from 2000ms to 90ms.
  - Handled all aspects of iOS development process from development, generating test builds, and submitting to app store.
  - Used Firebase Events to track how a user interacts with the application and what improvements we can do to increase user interaction.
  - Managed, tracked, and reported issues as they were reported by users, testers, and crash reports.
  - Wrote API documentation for the team explaining best practices and how to efficiently perform common tasks and interact with the server.
  - Released an open source tool in NPM which used tokenization to parse out mentions, hashtags, and links in a string of text (<https://bit.ly/2WPnVVs>)
  - Built push notifications system for efficiently sending thousands of notifications to Apple and Android devices.

- 2013/10 - 2016/06**      **Software Engineer**  
*CustomerCentrix LLC*
- Blustery.io** - Functional testing product.
- Led the development of over 300+ functional Selenium tests.
  - Built Docker containers to run in AWS and Google Cloud Compute to launch standalone instances on demand to execute multiple asynchronous functional tests.
  - Setup continuous delivery server and agents to schedule test execution.
- LoadStorm.com** - Cloud load testing product.
- Developed new frontend features with Java, Javascript, and Python.
  - Worked on server side code to simulate user interactions for testing
  - Developed comprehensive suite of Selenium tests.

## Education

- 2017/01 - 2018/05**      **University of New Mexico, Computer Science, MS**
- Concentration in Machine Learning and Data Mining (3.56 GPA)
- 2010/08 - 2015/12**      **University of New Mexico, Computer Science, BS**
- BS in Computer Science with a minor in Economics
  - First place winner in 2014 Google and Society of Women Engineer Hackathon
  - Leader in the Society of Women Engineers.

## Personal Info

### Address

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### E-mail

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### Date of birth

1991/12/07

### WWW

<http://sonny.io>

### LinkedIn

<https://www.linkedin.com/in/sonnytrujillo/>

## Courses

### 2017/08 - 2017/12

Introduction to Machine Learning

### 2018/01 - 2018/05

Compiler Construction

## Skills

Coding



Algorithms and Computer Science Fundamentals



Backend Development (NodeJS, MySQL, Redis)



iOS Development (Swift, CoreData, Core ML)



Javascript



Machine Learning and Data Science



Unit Testing and Test Driven Development

