

Johnathan Saunders

SOFTWARE ENGINEER

☎ (856) 238 - 1228 | ✉ saundersokj@gmail.com | 🏠 JohnathanSaunders.com | 📱 sirsaunders | 🌐 johnathan-saunders

Summary of Qualifications

- Developed and published applications for both Android and iOS
- Managed development teams with 3-6 members
- Planned, implemented, maintained endpoints and SQL database
- Built dynamic web apps using Javascript and React JS
- Worked in agile and predictive development methodologies

Education

Rowan University

M.S. IN COMPUTER SCIENCE

Glassboro, New Jersey

July 2017 - May 2018

Rowan University

B.S. IN COMPUTER SCIENCE

Glassboro, New Jersey

July 2013 - May 2017

Skills

Languages iOS • Swift • Android • Java • Python • JavaScript • React JS & Native • Dart • MySQL • Bash Shell • R • CSS • HTML

Misc. Skills Amazon Web Services • Google Cloud Platform • Unix • Git • Continuous Integration (C/I) • Docker • Firebase • Spring

Experience

Cogniscreen

FULL STACK SOFTWARE ENGINEER

Glassboro, New Jersey

July 2016 - Present

- Lead the development of a platform doctors use to administer digital cognitive analyses tests
- Oversaw planning, design, and implementation of entire application's stack
 - iOS app, in Swift and Obj C
 - web client in React JS
 - backend in Python and MySQL
- Met directly with doctors to assess application's performance and scope changes
- Designed and implemented unit and integration tests for contiguous integration
- Designed backend using microservice architecture with AWS Lambdas
- Tasked with managing and implementing IBM Watson Speech to Text service in iOS app

Texter

FULLSTACK SOFTWARE ENGINEER

Millville, NJ

December 2016 - Present

- Developed entire cross platform SMS, MMS, and Instant Messaging application
- Created the Texter Android, iOS, web applications
- 1000+ downloads on the Play Store
- Managed the Git code repository

Couplet Identification Using Machine Learning

HEAD RESEARCHER

Glassboro, NJ

Jan 2016 - April 2016

- Worked to create a tool using machine learning, that given text would accurately identify if it was a couplet
- Used Random Forest and Neural Networks for classification models, with roughly 95% prediction accuracy
- Implemented Word2Vec from Google in order to add better word associations
- Presented findings at Rowan University's STEM Symposium

Organizations

ACM | Full Stack Committee

CORE MEMBER & PRESIDENT

Glassboro, NJ

Sept. 2015 - Present

- Taught Android, iOS, Web, Backend development
- Lead development teams
- Organized learning workshops
- Managed development of Rowan ACM's Android, iOS, and web apps
- Managed the Git Repository