

# John Saunders

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## 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

MS IN COMPUTER SCIENCE

Expected May 2018 | Glassboro, NJ

BS IN COMPUTER SCIENCE

May 2017 | Glassboro, NJ

College of Math and Science

Dean's List

Cum. GPA: 3.2 / 4.0

## SKILLS

### PROGRAMMING

Over 5000 lines:

iOS • Android • Java • Python • Swift  
JavaScript • React JS • MySQL  
Bash Shell • R • CSS • HTML  
LaTeX

Over 1000 lines:

Objective C • C# • VBA • Assembly  
Flutter • Dart • React Native

Familiar:

ADA • Matlab • Prolog

### MISC SKILLS

Amazon Web Services (AWS) • Google  
Cloud Platform (GCP) • Linux • Mac  
Git • Continuous Integration (C/I)  
Docker • Firebase

## COURSEWORK

### GRADUATE

Advanced Machine Learning  
Data Mining 1 & 2  
Artificial Intelligence  
Cyber Security  
Advanced Object Oriented Design  
Advanced Software Engineering  
Advanced Cryptography

### UNDERGRADUATE

Software Engineering  
Operating Systems  
Security of Mobile Devices  
Principles of Network Security

## LINKS

Personal Site: [JohnathanSaunders.com](http://JohnathanSaunders.com)  
Github: [github.com/sirsaunders](https://github.com/sirsaunders)  
LinkedIn: [linkedin.com/in/johnathan-saunders](https://linkedin.com/in/johnathan-saunders)

## EXPERIENCE

### COGNISCREEN | FULL STACK SOFTWARE ENGINEER

Glassboro, NJ

July 2016 – present

- 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
- Managed Git code repository

### TEXTER | SOFTWARE ENGINEER

Millville, NJ

Dec 2016 – present

- 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

## RESEARCH

### COUPLET IDENTIFICATION | 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

### ASSOCIATION OF COMPUTING MACHINERY | COMMITTEE HEAD

Glassboro, NJ

June 2014 – Present

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

## AWARDS

AT&T Civic App Challenge  
Game Jam

Finalist  
2nd Place

2015  
2018

## HACKATHONS

AT&T Civic App Challenge  
Prof Hacks  
Prof Hacks  
Game Jam

NJ, State Wide  
Rowan University  
Rowan University  
Rowan University

2015  
2016  
2017  
2018