

Johnathan Saunders

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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

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

Github:// [sirsaunders](#)

LinkedIn:// [johnathan-saunders](#)

Stackexchange:// [7272703](#)

EXPERIENCE

COGNISCREEN | FULL STACK SOFTWARE ENGINEER

July 2016 – present | Glassboro, NJ

- A platform doctors use administering 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

Dec 2016 – present | Millville, NJ

- 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 USING MACHINE LEARNING | HEAD RESEARCHER

Jan 2016 – April 2016 | Glassboro, NJ

Worked to create a tool, that given text would accurately identify if it was a couplet. Used Random Forest and Neural Networks for the identification positions, 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 (ACM) | FULL STACK COMMITTEE HEAD

June 2014 – Present | Glassboro, NJ

- 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

2015	top 9	AT&T Civic App Challenge
2018	2nd Place	Game Jam

HACKATHONS

2015	NJ, State Wide	AT&T Civic App Challenge
2016	Rowan University	Prof Hacks
2017	Rowan University	Prof Hacks
2018	Rowan University	Game Jam