

EXPERIENCE

LISNR • BACKEND ENGINEER • DECEMBER 2018 – PRESENT

Built functionality to support high-traffic, ultrasonic tech and move existing infrastructure into scalable microservices.

NASDAQ • SOFTWARE ENGINEERING INTERNSHIP • SUMMER 2017 • SUMMER 2018

Worked extensively with machine learning technologies, including random forests and neural networks, to analyze large datasets as spark dataframes and predict customer churn and high frequency trading port latency.

Developed *Markets Everywhere*, a Markets as a Service (MaaS) platform, composed of an API, toolkit library, and a fully-interactive dashboard.

HACKMIT 2016 • PRIZE WINNER • 157 TEAMS

Developed a product that gives users the ability to wirelessly control electronic devices anywhere in their homes from a single touchpad with easy to use hand gestures.

ARCHHACKS 2016 • 2X PRIZE WINNER • 122 TEAMS

Programmed a web application to quickly generate 3D printable models of math functions to enable visually impaired students to feel the shape and characteristics of any math function.

CALHACKS 2016 • PRIZE WINNER • 226 TEAMS

Developed a stock predictor built with an RNN and sentiment analysis algorithm to predict stock values.

PENNAPPS XVI • PRIZE WINNER • 158 TEAMS

HACKCINCY 2018 • PRIZE WINNER • 15 TEAMS

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CALHACKS 2017 • HACKMIT 2017 • PENNAPPS XV • HACKGT 2016 • HACKOHI/O 2016 • MHACKS 8

FAMILIAR TECHNOLOGIES

WEB, FULL-STACK & MOBILE	DATA SCIENCE & BIG DATA	INFRASTRUCTURE & PLATFORMS	DATABASE SYSTEMS	INTERNET OF THINGS
JavaScript, Node.js, React.js, React-Native, Redux, Redux-Sagas, Django, HTML, CSS, WebSockets	Python, C++, MATLAB, Scikit-learn, Spark, Pandas, Numpy, Neural Networks, SVM's, Random Forests	AWS, Google Cloud Platform, Firebase, Terraform	MongoDB, PostgreSQL, Cloud Firestore	Raspberry Pi, Arduino, Flask

Education

Attended University of Illinois | James Scholar



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