

ERIC JOHNSON

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EDUCATION

Cornell University, *Ithaca, NY*

May 2018

B.S. in Electrical & Computer Engineering, Minor in Computer Science

Relevant Coursework: Algorithms, Data-Driven Web Apps, Digital Signal Processing, Machine Learning and Pattern Recognition, Mathematical Foundations for the Information Age, Probability and Inference

Involvements & Awards: Dean's List, Eagle Scout, McMullen Scholar, Pi Kappa Phi, Theta Tau

WORK EXPERIENCE

Blackstone

June 2018 - Present

Data Science Engineering

New York, NY

- Built highly scalable and fault tolerant distributed system to migrate Blackstone's files between enterprise cloud storage providers using Python, Docker, and AWS (EC2, SQS, S3, DynamoDB).
- Analyzed proprietary data using Python to drive development on new internal products; built visualizations and presented to senior leadership and CTO.
- Developed ETL pipelines for business critical data using Airflow, integrating data from internal applications, external SaaS vendors, portfolio companies, and other sources into Snowflake data warehouse.

Blackstone

May 2017 - August 2017

Summer Analyst

New York, NY

- Ported internal library to .NET Standard to facilitate platform independent application development.
- Decoupled remote procedure call functionality from WCF dependency, re-built with HTTP and JSON.
- Updated and extended internal documentation of software utilized in Blackstone's applications.

SRC, Inc.

May 2016 - August 2016

Software Engineer Intern

Syracuse, NY

- Engineered a Java application that provides situational awareness in electronic warfare involving UAVs.
- Utilized parallel processing on top of Elasticsearch, Logstash, and Kibana to increase data analysis speed.
- Embedded RabbitMQ publish & subscribe functionality for integration with SRC proprietary technology.

Belle Apps

December 2015 - February 2017

Mobile Development Contractor

Remote

- Updated a proprietary iOS application and ported to Android environment for multi platform use.
- Built a native iOS and matching native Android app to promote safety on college campuses.

StartFast Venture Accelerator

May 2015 - August 2015

Software Development Intern

Syracuse, NY

- Rebuilt the Mogee iPhone app and then ported it to a fully functional native Android application.
- Iteratively updated the application and shipped two major updates into the Google Play Store.
- Spearheaded development of an iOS voice recognition app for SmartyPans and their smart cooking pan.

PERSONAL PROJECTS

edj36.github.io Personal blog and interactive resume. Other projects are in Github.

TECHNICAL SKILLS

Languages

Python, SQL, Matlab, Java, C#, Ocaml, JavaScript, L^AT_EX

Technologies

Airflow, AWS, D3, Docker, Git, Jupyter, Linux, Pandas, Snowflake, Terraform