

# Brandon Poole



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<http://bcpoole.github.io>



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## Summary

As a data engineer, I also share enthusiasm for security, best practices, and refactoring. I enjoy understanding systems instead of treating them as black boxes. Things I've hobbyed in include Raspberry Pi, Arduino, Aurelia, and Rust.

## Experience



### Software Engineer

LinkedIn

Jun 2019 - Present (1 year 1 month +)

Designed deterministic sampling framework to power our testing, evaluations, and reports

Integrated Drawbridge technologies with various teams

Representing Drawbridge on cross-team org quality initiative

(Scala, Spark, Python)



### Data Engineer

Drawbridge (acquired by LinkedIn)

Nov 2018 - Jun 2019 (8 months)

Acquired by LinkedIn

Created on-demand version of production pipeline

Created data libraries and infrastructure tooling between Python, Presto, Hive, and MySQL

Automated and created various reports visualized in Tableau

Benchmarked and upgraded our analytics cluster



### Software Engineer

Drawbridge (acquired by LinkedIn)

Jan 2017 - Nov 2018 (1 year 11 months)

Designed and created development, monitoring, and deployment infrastructure

Developed data validation and visualization efforts

Optimized workflows and algorithms processing terabytes of data

Secured existing Hadoop filesystem with Kerberos and migrated applications



### Software Engineer/App Developer Intern

84.51°

May 2016 - Aug 2016 (4 months)

Built applications with a Java Spring Boot backend, C# service layer, and Angular 2 (beta) front end.

Explored opportunities offered through .NET Core not available via classic .NET.



### Student Developer

Center For Advanced Public Safety

Oct 2015 - Jan 2016 (4 months)



### Software Engineer Intern

42six, a CSRA company

Jun 2015 - Aug 2015 (3 months)

Setup Hadoop cluster and routed traffic to power a web dashboard for FAA client.  
Worked on the openFDA Hackathon task force where we developed the web app Claire (<https://github.com/42sixsolutions/claire>).



### **Process/Test Engineer Co-Op**

Johnson Outdoors

Aug 2013 - May 2015 (1 year 10 months)

Digitized employee training program with analytical reports.

Converted multiple paper processes on manufacturing floor to Windows WPF applications using

Caliburn.Micro MVVM backed my SQLServer.

Architected modern repository solutions.

## **Education**



### **The University of Alabama**

Bachelor of Science (BSc), Computer Science

2012 - 2016



### **Cato Middle College High School**

Secondary Education

2010 - 2012

## **Skills**

Python • Spark • Scala • Soldering • Hadoop