

Albert Doh

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EDUCATION

B.A Degree, Computer Science

Graduation: May 2024

Western Governors University

Main Courses: Data Structures, Discrete Structures, Algorithms, Data Science, Applied Machine Learning, Intro to Artificial Intelligence, Calculus 3 for Engineers

Awards: Chicago Scholarship Foundation, Dean's List

Clubs: African American Student Association (Aug. 2015-May 2020), Go Green! Club (Jan. 2018-May 2020), Curiosity Think Tank (Aug. 2015-Jan. 2020), Chicago Data Science Team (Jan. 2018-Present)

TECHNICAL SKILLS

- C++
 - Python
 - Java
 - Go
 - JavaScript
 - GitLab CI/CD
 - AWS & GCP
 - Docker
 - Linux
 - CMake
 - Data Science
 - ML
 - Graphics
 - Computer Vision
 - OS
 - Linear Algebra
 - Probability
 - Real Analysis
 - Calculus
 - Statistics
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WORK HISTORY

Tutor, *The Coder school*

October 2023 – Present

- Teach kids how to use Html, scratch, python to complete various cool projects.
- Utilized various teaching techniques to motivate kids to expand their Critical thinking, creativity and communication through programming.

Java Software Engineer, *Midwestern*

August 2021 - July 2023

- Addressed high risk Xray security scan findings in Java code caused by jersey dependencies and mitigated with @Xml annotations in codebase.
- Delivered SQL script during a process to mask data in a data privacy initiative (DPI) effort.
- Provided multiple SQL scripts to remove data associated with a branch closure and replaced with data from branch assuming the old.

Software Engineer Intern, *Skycatch*

May 2019 - August 2019

- Developed photogrammetric data capture systems for terrestrial vehicles. The system interfaced with cloud-based pub/sub system, cameras, orientation sensors, and GPS receivers.
- Utilized Qt framework for multithreading and signal-slot communication

Bioinformatics Intern, *University of Chicago Medical Campus*

January 2018 - August 2018

- Developed an AWS Serverless Application to publish EC2's IP Prefix data to all AWS S3 Regions in waves
 - Implemented publishing scheme using concurrency and automatic retries for a highly scalable, fail-safe solution
 - Implemented wave assignment scheme minimizing impact of publishing faulty data and optimizing delivery time to patients
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PROJECTS

Spltr, ML-powered Text-Detection for Bill Splitting, Group of 3 (open source)

- Handled complex algorithms from Amazon's Recognition library.
- Developed in Java and Android

YoutubeTagExtractor, A script that takes tags from trending videos to predict best one to use.

- Uses sophisticated machine learning models from Python's sklearn library.
- Utilized the powerful PyCharm IDE to develop in python and converted to React-Native for functionality across platforms.