# TY BAYN SOFTWARF FNGINFFR

## Personal Info

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## Languages

Python3 Expert MySQL/PostgreSQL **Expert** Web (HTML, CSS, JS) Expert C++ **Proficient** C# Proficient Java Proficient

## **Technologies**

Docker

**Proficient FastAPI** 

**SQLAlchemy** 

**Proficient** 

**Proficient** 

Kafka / Event Streaming

**Novice** 

AWS/S3

Kubernetes

**Novice** 

**Novice** 

## Skills

Software Development

**Collaborative Programming** 

**Proficient** 

Agile / Scrum

**Proficient** 

Expert

Experienced Software Engineer and Data Engineer with a demonstrated history of developing complex and enterprise level software. Skilled in Python, C#, SQL, and web languages. Utilizes many technologies including Docker and experienced in event driven architecture. Has worked in many different programming roles and has developed a wide range of skills as a software engineer, data engineer, web developer, and data analyst.

## **Education**

## **Southern Utah University**

Utah

**BS, Computer Science** 

Aug 2018 - Apr 2020 Summa Cum Laude

Grade-Point Average: 4.0/4.0

## **Snow College**

Utah

**AS, Computer Science** 

Aug 2015 - Apr 2018 Summa Cum Laude

Grade-Point Average: 3.93/4.0

## **Experience**

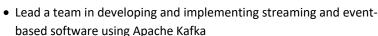
# 1010data

Full-time

Mar 2023

- Present

## **Lead Software Development Engineer**



- Work with multiple teams to streamline, automate, and centralize development practices and code resources
- Develop tools and resources for use in data pipeline by Data Engineers

## Full-time

May 2022

- Mar 2023

## **Data Engineer III**

- Develop and maintain ETL data pipelines using Apache Airflow
- Develop software to streamline, automate, and centralize development practices and code resources

## Full-time

**Data Engineer I** 

Nov 2021

- May 2022

- Develop and maintain ETL data pipelines using Apache Airflow
- Assist with the transition of software and systems to the cloud

## **PhoneSoap**



Nov 2020

- Oct 2021

**Business Intelligence Engineer** 

- Developed software to clean and load data from various sources.
- Created Visualizations and reports to assist in making data supported business decisions.

## Contract

Jul 2020

- Oct 2020

 Used various ETL technologies to collect data from various ad and eCommerce sources and load them into a data warehouse for centralized reporting.

## GuardSight, Inc.



#### **Software Engineer / Data Analyst**

**Business Intelligence Consultant** 

Jan 2020 - Apr 2020 • Developed a data analytics tool and plotting engine in Python3 to visualize historic cybersecurity events, show anomalies in historic data, and predict/detect anomalies in live data.

## **Southern Utah University**

#### Part-time

IT Help Desk (Tier II)

Jan 2019 - May 2020 • Assist Tier III's in completing networking and software projects

Performed routine maintenance on hardware and software



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