

Kynan F. Justis

Resume | 2023

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Professional Experience

Roles¹

Software Engineer III (2023 - Current)
3D Simulation Team

Software Engineer II (2020 - 2023)
3D Simulation Team

Software Engineer I (2018 - 2020)
Data Analytics Team

- Designed and implemented a proprietary data extraction plugin to perform real-time conversion from binary simulation protocols to JSON and text formats. (C++11)
- Built user-facing visualization dashboards to model live and post-run simulation data using Elasticsearch, Logstash, and Kibana. (ELK Stack)
- Built custom plugins for Logstash to facilitate ingestion-time data transformations. (Ruby)

Undergraduate Research Assistant (2017 - 2018)
University of Missouri - Center for Geospatial Intelligence

- Designed and built a data mining/web-scraping pipeline for gathering and ingesting open source streetmap data.
- Preprocessed and batch-analyzed image data for a machine learning feature-based indexing system.
- Designed and implemented a web-based front end to access and visualize project data using Flask, JavaScript, and Postgres.

Education

University of Missouri - Columbia | 2014-2018
Bachelor's of Science, Computer Science
Minor in Mathematics
GPA: 3.707; Graduated with honors

Personal Projects

Twitter Behavior Analyzer

About Twitter Behavior Analyzer...

Bevy Jam 4

About Bevy Jam 4...

¹Used languages and frameworks denoted by parentheses in each section.