

EDUCATION

- **The University of Kansas** Lawrence, KS
Bachelor of Science in Computer Science, Minor in Mathematics; GPA: 3.51/4.00 *Aug. 2015 – May 2019*
 - **Self Engineering Leadership Fellowship:** Competitively selected for leadership aptitude and business acumen, honed skills in management, collaboration, and effective communication.

EXPERIENCE

- **Connekt Media** Denver, CO
Software Engineer *Feb. 2019 - Present*
 - **Infrastructure:** Designed and implemented Kubernetes continuous deployment pipelines using Spinnaker, migrated application build system to Google Cloud Build, automated build and test status reporting.
 - **Katigoros:** Led the creation of an internal tool to view and manage integration test details. Allows for the cause of breaking changes to be identified more quickly and for any impacted test executions to be updated on the spot. Implemented the UI and improved backend capabilities.
 - **FLX Tools:** React web interface for designing smart TV applications, sales campaigns, and real-time advertisements. Took a managerial role in the creation of a major application templating feature.
 - **Canvas Builder:** Designed a Typescript API to support a future SaaS product offering. This API will be used as the FLX Tools backend in the next major product iteration.
 - **Flexview:** Django app to serve interactive smart TV applications on LG TVs and track impression data using Google Analytics.
- **FanThreeSixty** Kansas City, MO
Software Engineering Intern *May 2018 - Aug. 2018*
 - **Data Storage Optimization:** Identified and removed the cause of a major storage bug, minimizing redundant data storage and improving application save/load times in 10+ production systems.
 - **Euphoria Feature Integrations:** Implemented high-value features for a timely launch of two new clients. These new features gave our team the ability to sell our product to a new set of customers, effectively expanding our market reach.
- **Larimer County Conservation Corps** Fort Collins, CO
Trail Crew Leader *June 2017 - Aug. 2017*
 - **Conservation Projects:** Led a team ranging from 6-12 students in trail construction and maintenance projects, managing daily outcomes and personal development activities.
- **MMA Design** Boulder, CO
Engineering Intern *June 2016 - Aug. 2016*
 - **Test Engineering:** Created, administered, and documented engineering confidence tests for deployable satellite hardware, informing material decisions and providing insight into reproducible testing practices.
 - **Hardware Design:** Designed and manufactured deployable satellite structures using Solidworks 3D modeling software.

PROJECTS

- **PGN to Dataframe Processor:** Python library for converting chess game notation into Pandas dataframes. Used to analyze 25GB of chess game data with Random Forest Classification and Neural Networks.
- **Tomatobot:** Created a Slack-native Python implementation of the Pomodoro timing technique.
- **Needle:** Flask web application that enables users to rate their friends' Spotify libraries.
- **Scales Collective:** Co-founded the first yoyo media company, collaborated with companies to design and market new yoyo products, leading to a 600% revenue increase. Organized competitions in both online and in-person formats.

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, C++
- **Technologies:** GCP, Kubernetes, Docker, Vim, Unix, React

OTHER INTERESTS

- **Hobbies:** Backpacking, Competitive Yoyo, Analog Photography, Coffee