

EDUCATION

- **The University of Kansas** Lawrence, KS
Bachelor of Science in Computer Science; 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*
 - **FLX Tools:** React web interface for designing smart TV applications, sales campaigns, and real-time advertisements. Managed implementation of application templating feature.
 - **Flexview:** Django app to serve interactive smart TV applications on LG TVs and track impression data.
 - **Infrastructure:** Designed and implemented Kubernetes deployment pipelines, migrated application build system to Google Cloud Build, managed build status reporting.
 - **Katigoros:** Internal tool to view and manage integration test details. Created user interface and added backend capabilities.
 - **Canvas Builder:** Typescript API to support future SaaS capabilities and enable third party support. Will be used as the FLX Tools server in the next major product iteration.
- **FanThreeSixty** Kansas City, MO
Software Engineering Intern *May 2018 - Aug. 2018*
 - **Euphoria:** Java mobile application that allows sports teams to enhance fan experiences. Improved application efficiencies, improving speed in 10+ production systems.
 - **Intern Team Project:** Full overhaul of the company careers page and promotional video. Organized weekly team meeting agendas, resulting in a productive team and a successful result. Made practical contributions to the webpage as well.
- **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
- **Tomatobot:** 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, organized multiple competitions in both online and in-person formats.

PROGRAMMING SKILLS

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

OTHER INTERESTS

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