

Miller Bath

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Education

University of Kansas - B.S. in Computer Science

August 2015 - Present, Expected Fall 2020

Work Experience

qTrade LLC - Software Engineering Intern, Feb 2020 - Present

Lawrence, Kansas

- Developing Skunkworks project(CoinCapture) to record and archive tick-by-tick cryptocurrency market data
- Made use of existing public Github repositories to stitch together 3 separate services to fetch, process, and store data
- Collaborating with academic researchers to incorporate data we collected into research papers and potential PHD projects
- Created dockerfiles for said services and deployed them to a DigitalOcean droplet for standalone data harvesting

Cerner Corporation - Software Engineering Intern, Summer 2019

Kansas City, MO

- Self-taught React.js and Ruby on Rails while meeting goals set by supervisor
- Formulated a web component to import .CSV files that were parsed for errors with Rails, using a RESTful API
- Displayed said errors on the front end using internal UI components
- Utilized git and Github for version control, pull requests, and code reviews
- Homebrew and RubyGems for package management, Jira for project management
- Wrote tests for all code written during the summer using Jest and Rspec
- Code written was used as a basis by our team to achieve quarterly goals

University of Kansas - Information Technology Student Hourly, February 2017 - May 2019

Lawrence, KS

- Peerless IT position with singular highest level of student security access
- Servicing of machines using: Active Directory, System Center Configuration Manager, Event Viewer, and Proteus
- Interacted with users and technical support team to ensure successful implementation of solutions
- Analyzed administration machines to assess and resolve issues

Activities & Projects

- **Tuun** - Senior Design Group Project, Aug 2019 - May 2020
 - Spotify web app that hosts user lobbies to algorithmically generate playlists between shared music
- **AlphaSigsKU.com** Aug 2019 - Present
 - Lead design, creation, and maintenance of Fraternity Chapter website
- **Skills:** Communication, Leadership, Prioritization, Collaboration, 7+ years employment
- **Languages:** C++, React.js, Javascript, Ruby on Rails, Python, Go, HTML, CSS, Haskell, SASS
- Association of Computing Machinery, Student Chapter @ KU - **Public Relations**, 2019 - 2020 ; **Treasurer**, 2018 - 2019, **Member**, 2017 - Present
- KU EECS Undergraduate **Mentor**, 2019 - 2020
- Alpha Sigma Phi Fraternity, Theta Pi Chapter - **Founding Father**, 2018 - Present
 - Housing Manager, Fall 2020
 - Professional Committee & Membership Enrichment Committee, 2019 - Present
 - Alumni and Family Relations Board & Public Relations Committee, 2018 - 2019