# Christopher Ariagno

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## EDUCATION

**The University of Kansas** | Computer Science and Mathematics Major            Expected Spring 2022
- GPA: 3.99 / 4.0
- SELF Fellow, ACM Vice President, Programming Club, Intermural Volleyball

## EXPERIENCE

**STEP Intern**                                                                                  May 2020 – August 2020

**Google** | Remote
- Developed Open Source book and movie social networking application
- Architected AngularJS components and API services
- Implemented CI /CD workflows using GitHub Actions to save team hours of testing and deploying

**Full Stack Development Intern**                                                      May 2019 – April 2020

**RiskIQ** | Kansas City, MO
- Developed RiskIQ product integrations for clients using Python
- Helped the engineering support team get some "quick wins" by taking on the ticket queue
- Wrote micro services for data ingestion and quick data access to replace legacy applications with 2x speed up

**Undergraduate Research Assistant**                                              March 2019 - July 2019

**University of Kansas Speech and Applied Neuroscience Lab** | Lawrence, KS
- Assisted other researchers in the lab with data ingestion for EEG models.
- Converted lab computers into Raspberry Pis and touch screens for data processing
- Aided with Kalman filter research in order to reduce EEG processing noise

**Information Technology Intern**                                                     May 2017 – August 2018

**Smithville R-II School District** | Smithville, MO
- Deployed and provisioned 2,000 Chromebooks for the use of students across the district
- Ran Chromebook repair classes oriented to high school students

## INDEPENDENT PROJECTS

**Lync.rip** | Open Source URL Shortner
- URL Shortner built with GoLang and AngularJS
- Setup DevOps infrastructure on a Google Kubernetes Cluster and deployed through TravisCI Workflow

**TF2Skins.co** | Top *Team Fortress 2* Price Checking Tool
- Web Application built to organize weapon prices in the popular game, *Team Fortress 2*.
- Built using PHP and mySQL

**2018 FRC Robotics Code Base** | Code base used for S.W.A.T.'s 2018 Robot
- Lead a team of three to develop a Java and OpenCV powered competition robot
- Featured competition leading Custom Adaptive Pure Pursuit Controller and Trapezoidal Motion Profiling Controller to plan autonomous robot paths

**Car Chrome Extension |** TamperMonkey Chrome Extension
- Chrome Extension used to price check cars on eBay, Craigslist, and AutoTrader while formatting pages for easy viewing and data ingestion into dealership price appraisal tools

## SKILLS

Java | C++ | Git | Docker | Kubernetes | Python | Node.js | AngularJS | HTML | CSS | JavaScript | Autonomous Systems