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

Software Engineering Intern   May 2021 – Present

Google | Remote
- Migrated Cloud SQL Functional Tests to use hermetic testing platform
- Decreased overall test flakiness
- Decreased overall test times by **25%**

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 deployment

Full Stack Development Intern   May 2019 – April 2020

RiskIQ | Kansas City, MO
- Developed RiskIQ product integrations for clients using Python
- Worked alongside the engineering support team 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
- Taught Chromebook repair classes for 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

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, mySQL and Steam Market API

LiftTracker | Vision Tracking Software built for FIRST Robotics
- High efficiency vision tracking software used to track retroreflective targets in FIRST Robotics on NVidia Jetson TK1

Car Chrome Extension | TamperMonkey Chrome Extension
- Chrome Extension built for a car dealership 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 | Angular | JavaScript | Autonomous Systems | OpenCV | Firebase