

Christopher Ariagno

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EDUCATION

University of Kansas | Mathematics and Computer Science Major

Expected Spring 2022

- GPA: 3.97/4.0
- SELF Fellow, ACM Web Master, Programming Club, Intermural Volleyball

EXPERIENCE

Full Stack Development Intern

May 2019 - Present

RiskIQ | Kansas City, MO

- Developed RiskIQ product integrations for clients using company APIs and Python
- Helped the engineering support team get some "quick wins" by taking on the ticket queue
- Wrote micro services from the ground up for data ingestion and quick data access for various applications

Independent Web Developer

May. 2016 - Present

Ariagno.com | Smithville, MO

- Ariagno.com specializes in web sites, chrome extensions, and automated bots for clients
- Worked with clients 1:1 to create a product that they will love

Undergraduate Research Assistant

March 2019 - July 2019

University of Kansas Speech and Applied Neuroscience Lab | Lawrence, KS

- Worked with Dr. Brumberg in the Speech and Applied Neuroscience Lab on various projects
- Assisted other researchers in the lab with data ingestion for EEG models.
- Converted many 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

- Specialized in the deployment and maintenance of over 2,000 Chromebooks across the school district
- Worked with teachers and staff that needed technology solutions in their lives by implementing laptops, desktops, projectors, and tablets into their workflow
- Worked with Cisco Meraki and Ruckus network appliances

INDEPENDENT PROJECTS

LiftTracker and BoilerTracker | Open source vision library for FIRST Robotics

- Built using Java with OpenCV and deployed to Jetson TK1 Embedded System.

TF2Skins.co | Most popular site for price checking weapons for a video game

- Built originally with PHP and MySQL, TF2Skins.co assembled prices for a video game weapons in one place

2018 FRC Robotics Code Base | Code base used for S.W.A.T.'s 2018 Robot

- Custom Adaptive Pure Pursuit Controller and Trapezoidal Motion Profiling Controller to plan autonomous robot paths

Trackerino.co | Cross platform package tracking solution

- Uses Node.js and Firebase to track packages from DHL, USPS, UPS, and FedEx.

Car Chrome Extension | TamperMonkey Chrome Extension

- This Chrome Extension price checks various cars on eBay, Craigslist, and AutoTrader while formatting pages for easy viewing
- Built using JavaScript and TamperMonkey and packaged into a Chrome Extension

SKILLS

Java | C++ | Git | Object-Oriented Programming | Python | Node.js | HTML | CSS | JavaScript | Autonomous Systems