

# Christopher Ariagno

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## EXPERIENCE

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### Full Stack Development Intern

May 2019 - Present

RiskIQ | Kansas City, MO

- Wrote RiskIQ product integrations for clients using current APIs and 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 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 a couple Raspberry Pis and touch screen for data processing
- Lots of research done in Kalman filters to implement into the Python programs.

### 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 many teachers and staff that needed technology solutions in their lives by implementing laptops, desktops, projectors, and tablets
- Worked with many different types of technology products and networking equipment to deploy to students and staff

## INDEPENDENT PROJECTS

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**LiftTracker and BoilerTracker** | Open source vision library for FIRST Robotics

- Built using Java and 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, later ported to node.js before shutting down.

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

- Adaptive Pure Pursuit Controller and Trapezoidal Motion Profiling Controller to plan auto 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

- Built for a car dealership, this Chrome Extension would price check various cars on eBay, Craigslist, and AutoTrader
- Built using JavaScript and TamperMonkey and packaged into a Chrome Extension

## EDUCATION

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**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

## SKILLS

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