

Chris Cummings

Full Stack & Geospatial Developer

chris@chriscumplings.net
United States, SC (Eastern TZ)

Summary

Languages: **Python** (16 yrs), **JavaScript** (17 yrs), **CSS & HTML** (17 yrs),
Ruby (5 yrs), **Rust** (1 yrs)

Frameworks: **Flask**, **Django**, **Ruby-on-Rails**, **Bootstrap**, **React**, **Dojo**

Misc: **Docker**, **Git**, **Node.js**, **GIS**, **Redis**, **PostgreSQL**, **MySQL**

Experience

Lead Developer - Dingo Ranch Labs, LLC (2021 - Present)

- Developed research analyst tools for InkStick Media in Python to crawl financial and government websites/APIs and surface information of interest to "watchdog" groups.
- Provided data recovery and web scraping for Vice.com journalists, compiling, indexing and packaging each author's body of work into a comprehensive, searchable catalog.
- Led and launched diverse client projects. (API Integrations, Status/Control Panels, CMS Admin, GIS & Software Consulting)

Developer - Bell, Carrington, Price & Gregg (2021)

- Developed internal product to automate identifying property parcels to be impacted by future eminent domain construction. (Django, JS, ESRI ArcGIS)
- Researched and developed GIS procedures and services to automate the processing of raw Dept of Transportation engineering .PDF drawings into georeferenced vector data. (QGIS, Python)

Lead Software Engineer - Dominion Energy (Power & Natural Gas) (2016 - 2020)

- Managed full development lifecycle of numerous web applications and data pipelines, delivering tailored internal tools for hundreds of internal and external users. (Python, Flask, JS, ArcGIS)
- Spearheaded migrating entire Southeastern US natural-gas GIS dataset between wildly different models via custom built Extract-Transform-Load application and web frontend.(Python, Flask, ESRI Utility Network)
- Served as team leader for a department of 8 engineers.

Education

- BS Geographic Information Systems (2010)
- AS General Studies Biology (2008)

Extended Experience

Lead Developer - US Patriot Tactical (2011 - 2016)

- Designed and implemented ERP system in Ruby-on-Rails, managing over \$3M in monthly orders and warehouse inventory for a catalog of 92k products.
- Developed ReST product services with Sinatra and integrated client-side JavaScript, enabling product data access via AJAX.

GIS Developer - SC Army National Guard (2008 - 2010)

- Developed HTML5 frontend dashboards and map-based applications for analyzing state-wide utilities infrastructure and environmental data.
- Created Python workflows to aggregate and error check diverse GIS datasets.

Sonar Technician - US Navy (2000 - 2004)

- Coordinated technical training programs for a division of 16 personnel.
- Served as the subject matter expert on undersea systems.