Jacob Quinn Sanders.

j.q.sanders@gmail.com | thejqs.com | github.com/thejqs
linkedin.com/in/thejqs

SKILLS

Python ▪ JavaScript ▪ HTML ▪ CSS
web and document scraping ▪ data acquisition, validation, cleaning and analysis ▪ Selenium
regex ▪ QA ▪ documentation ▪ Django ▪ Wordpress
information design ▪ project management

CODING EXPERIENCE

War Streets Media, Pittsburgh, Pa, 2015-present. Co-founder, developer. Built the website **Boozicorns** in Python/Django and JavaScript, highlighting and mapping the rarest bottles available in Pennsylvania on any given day. Deployed on remote Linux/Ubuntu server running Apache with Varnish caching. ▪ Engineered, refactored and automated a multithreaded scraper and a PDF parser in Python to crawl, acquire and clean the Pennsylvania Liquor Control Board's retail database daily. Reduced runtime 85 percent from first working version. Storage in PostgreSQL and S3. ▪ With no APIs available, built and automated web scrapers across multiple government sites in Python using lxml and Selenium, targeting, cleaning and storing data related to campaign finance. ▪ Helped develop data-acquisition, pricing and product strategies.

Coding Campus, Provo, Utah, 2015. Junior Python developer. Built and deployed **Arthur**, a Python/Django website featuring interactive visualizations of my grandfather's work in custom CSS, JavaScript and jQuery, on a Linux/Ubuntu server running Apache. ▪ When no good API was available, built a Python scraper using lxml to crawl across multiple web pages in a script that also parsed and cleaned data for MySQL database storage. ▪ Abstracted a reusable template for automated Twitter bots after deploying two – @BotOrDeath and @CmonSister – to run on Linux crontab, keeping tweets in a MySQL database.

JOURNALISM EXPERIENCE

Served as a reporter covering law enforcement, local government, food and drink, and natural gas in Pennsylvania, California, Oregon and Arkansas. ▪ Document sleuth. ▪ Adept at finding good stories no one else was telling. ▪ Became breaking-news editor at the Pittsburgh Post-Gazette in 2011, reimagining the job from the ground up, then the PG's first audience-engagement editor in 2014. ▪ Worked across departments with newsroom editors, IT, marketing and sales. ▪ Also served as an adjunct instructor for journalism at Carlow University.

Associated skills: Meeting real-time and long-term deadlines, validating information, designing workflows, QA testing, social media, interviewing, writing and editing, content strategy, incorporating user data and analytics into everyday work, coordinating people and resources for real-time performance.

EDUCATION

University of Nevada, Reno. 1996-2000. Reynolds School of Journalism. Top student in my discipline, 2000.