

STEVEN WU

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Skills

- Languages: JavaScript, Typescript, Python, Java, HTML, CSS, SQL, C
- Frameworks / Technologies: React, Next.js, Node.js, Express, Jest, Cypress, Terraform, AWS Route 53, Cloudfront, S3, EC2, ELB, Jenkins, Selenium Webdriver, Git, MongoDB

Professional Experience

Nike – *Software Engineer*

Sep 2021 - Current

- Lead design and feature development of web portal pages using Next.js & Typescript that enabled analytics teams to migrate reports to an enterprise-wide analytics portal, saving 27 teams over **\$2.7 million** in associated costs
- Optimized frontend performance by utilizing component memoization, image & gzip compression, and tree shaking which reduced bundle size by **65% (1.6mb to 550kb)** and decreased FCP and LCP by **33%**
- Contributed to a React design system by implementing new components and managing version control
- Contributed to a Nike open-source project *Brick-Flow* (**12,000+ downloads**) by adding additional functionality to define and deploy Databricks workflows programmatically using Python decorators
- Deployed an ETL pipeline that pulls data from NewRelic's GraphQL API and publishes it to a Tableau Enterprise Server to automate mobile application metrics reporting processes for C-Suite level viewership

Nike - *Software Engineering Intern*

Jun 2020 – Aug 2020

- Saved over **\$100,000** in labor costs by designing and developing a Python automation script that uses Pandas to clean and classify large sets of data and enforce data taxonomy rules set by marketing and data governance teams
- Created SIPOC-aligned business processes in data governance platform to create fully governed data attributes

Casper - *Data Analyst Intern*

Jun 2019 – Aug 2019

- Automated data collection from enterprise PLM software by writing Python scripts that used Selenium WebDriver, saving hundreds of hours in search time
- Tracked return rate of products by creating dashboards using Looker and created custom SQL queries to narrow parameters and identified regression trends
- Optimized work processes for design engineers by developing a Python program that facilitated the creation of BOMS by compiling lists of raw materials and sub-assemblies into excel files

Poly Consulting Group - *President, Co-Founder*

Sep 2018 – March 2019

- Founded a pro-bono consulting firm and led 2 engagements with a team of 4 people to provide business operations analysis, go-to market strategies, financial advisory, and technology implementation
- Utilized Qualtrics, MRI Mediamark, Google Trends, and SEO programs to validate potential markets and incorporated bivariate analysis on market data to create pricing structures

Projects

Personal Portfolio

- Automated deployment of React SPA using github actions and terraform to provision AWS Cloudfront/S3 resources for hosting and AWS DynamoDB tables for state-locking

Pokedex

<https://radiant-blancmange-f26b1d.netlify.app>

- Developed and hosted a full-stack Pokedex web-application on AWS, featuring infinite scroll feed catalog, user authentication and account creation, SSL certification, and proper utilization of REST API's

Yelp Clone

<https://magical-gelato-d6af57.netlify.app>

- Developed and hosted a full-stack web-application on AWS that supports basic CRUD functionality, user account creation, and allows users to search for and add custom reviews for restaurants

Education

California Polytechnic State University, San Luis Obispo

B.S: Economics / **Minor:** Computer Science