

# STEVEN WU

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## Skills

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- 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

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### 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
- 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

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### 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 Netlify and AWS Elastic Beanstalk which uses Vue, Typescript, Node.js, Express, PokeApi, Google Firebase, and Google Firestore
- Features infinite scroll feed Pokemon catalog, user authentication and account creation, team building recommendations, SSL certification, and proper utilization of REST API's

### Yelp Clone

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

- Developed full-stack web-application using React, Express, Node.js, and MongoDB that supports basic CRUD functionality, user account creation, and allows users to search for and add custom reviews for restaurants

## Education

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### California Polytechnic State University, San Luis Obispo

B.S: Economics / Minor: Computer Science