

Yongxiang Cai (Shawn)

6112 218th St. Oakland Gardens, NY 11364

(510) 260-7595

sfpidgkmlsgyi@gmail.com

<https://xiaosanchez.github.io/>

Skills

Java, Kotlin, C, Mips, Scheme, Python, R, JavaScript, Mandarin, JQuery, SQL, VS Code, Node.js, PL/SQL Navicat, API Cloud, Apache tomcat, Spring Boot, React, Vue, Git, Unity, Mac / Linux / Windows, UI Design, Coding, Software development, Data analysis, Tencent Cloud, IBM Cloud

Experience

June 2022 - PRESENT

National STEM, Remote - *Frontend Intern*

- Restructured communication flow among twelve departments that cut down paperwork by half. Redesigned user interface that doubled website traffic.
- Website maintenance and updates with a fast-paced team of fifteen. Created a backend monitor tool that would monitor the updates and visitors, create a digest, then would send email alerts.

April 2017 - June 2019

Long Island Chinese American Association, Long Island - *Backstage Group Leader*

- Coordinated with other departments of the association to organize 3 large parties (thousands of people participated), planning of the parties, managing backstage and personnel review.
- Organize hundreds of volunteer member recruitment through time. Certificated in engaging.

Varsity Tutor, Remote - *Tutor/Professor*

- Training and teaching Java/Python, JavaScript interactive and Programming algorithms.
- Ensured ability to read/modify other's code with penetration tests and kept my coding skills/Algorithm updated. provide feedback to ensure best practices.

Education

September 2019 - Present

Suny Potsdam, New York - *Bachelor*

Major: Computer Science GPA: 3.1

Relevant Coursework Completed: Computer Networks(4.0), Data Analysis(4.0), Programming Languages, Mips Assembly and Algorithms.

Awards

2018 VEX Robotics Competition States Reward

2019 UN Champions of the Earth 'Inspiration and Action' Award Co-laureate

2020 Potsdam Hackathon Honorable Mention Award

2022 Google KickStart Participation Award

Certificate

IBM Full Stack Application Development Certification

Project Experience

Personal Website - Project Owner

- Build with vue framework include JQuery library animated whole website, with several of my “Reinventing the wheel” frontend projects listed. Offered two options to visualize those projects.
- Created a simulation of Win 7 operating system to visualize front end projects on GitHub. Website fully animated, will work on maintenance and feature updates as my knowledge builds on.

OpenCV Face Recognition - PM/Developer

- Planning the product algorithm, responsible for the framework and interaction of data and training. Studied open source code, selected suitable tools for reference and the design of the algorithm.
- Designed crawlers to automate the acquisition of data with copyright maximized usage of index in SQL database, reduced 30% workload, and increased database admin effectiveness by 20%.

SummonersWar Mod Lua Script - Developer

- Built with Lua script on AnJianJingLing platform with color graphic base logic. Performed simulation of real-person farm for runes.
- Pushed the updates compatible with the latest version. Realization for not relying color from skills each time when updates.

Full Stack Cloud Dealership Review App - PM/Developer

- Use IBM Cloud platform host frontend web & Bootstrap.
- Perform DevOps and CI/CD tools on Cloud Foundry, NoSQL database link the Node.js and react.
- Pack with Docker Kubernetes, Manage the Django with OpenShift.