Yongxiang Cai (Shawn)
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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 to PRESENT
National STEM, Remote - *Front-end Intern*
- Restructured communication flow among twelve departments that cut down paperwork by half.
- Redesigned user interface, doubled website traffic.
- Website maintenance and updates with a fast-paced team of fifteen.
- Originated a backend monitor tool that monitors the visitors/updates, generates a digest, and sends email alerts.

April 2017 to June 2019
Long Island Chinese American Association, Long Island - *Backstage Group Leader*
- Coordinated with other departments of the LICAA association to conduct three large parties. (thousands of people participated)
- Planned the parties, and co-directed backstage and personnel review.
- Organize hundreds of volunteer member recruitment. Get certificated in engaging.

Part-time
Varsity Tutor, Remote - *Tutor/Professor*
- Taught three classes Java/Python/JavaScript interactive and Programming algorithms to develop complete projects.
- Ensured ability to read/modify other's code with penetration tests and kept coding skills/Algorithms updated.

Education

September 2019 to Present
State University of New York College at Potsdam
Bachelor of Science - BS, Computer Science GPA: 3.1
Relevant Coursework Completed: Computer Networks(4.0), Data Analysis(4.0), Programming Languages, Mips Assembly and Algorithms.

Awards

VEX Robotics Competition States Reward
UN Champions of the Earth Inspiration and Action Award Co-laureate
Potsdam Hackathon Honorable Mention Award
Google KickStart Participation Award

Certificate

IBM Full Stack Application Development Certification

Project Experience

Personal Website - Project Owner
- Build with Vue framework include JQuery library with twenty animations.
- Designed a simulation of the Win 7 operating system to visualize front-end projects on GitHub.

OpenCV Face Recognition - PM/Developer
- Studied four open sourced codes, and selected suitable tools as reference, and conceptualized the algorithms.
- Constructed a crawler to automate the acquisition data with copyright maximized usage of the 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 a simulation of the real-person taps, automatically executed the game 24/7.
- Debugged the realization, no longer relying on color for monster skills.

Full Stack Cloud Dealership Review App Development - PM/Developer
- Built the IBM Cloud platform host front-end web & Bootstrap with react. Packed with Django with the management of OpenShift.
- Performed DevOps and CI/CD tools on Cloud Foundry, NoSQL database links the Node.js.