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396 Bent Crescent, Richmond Hill

COLIN ZHOU

SUMMARY

- Strong proficiency in React, Angular, and Redux-based web application frontends
- Proficient in backend development using Python, Java, and Node
- Skilled in Site Reliability and Data Engineering
- Experienced in working with asynchronous Restful web services and implementing secure HTTP sessions
- Efficient in applying algorithms to reduce code complexity and produce clean code
- Experienced in architecting large-scale systems

EDUCATION

Centennial College

software engineering technician
2022-2024

COMPUTER SKILLS

- **General OOP languages:** C/C++, C#, Python, TypeScript, Java/
- **Async web and HTTPS services:** REST/JSON-RPC/SOAP, RxJs observables, Apollo GraphQL
- **Website Frontend:** JavaScript ES5-ESNext, Angular, React, Redux, NgRx, Redux-observable
- **Website Backend:**
- Node.js (sails, express, next), Django, Spring Boot, .NET, Bash
- **Database/Cache**: PostgreSQL, MySQL, MongoDB, Firebase, Cassandra, Kafka, Redis
- **DevOps and Tools**: GCP, Kubernetes, Terraform, Docker, Apache Airflow, Camel, Auth0, Ansible

ACTIVITIES AND INTERESTS

- Former professional badminton player
- Badminton Coach
- College Varsity team Captain
- Varsity assisant
- Music composing, producing, mixing and editing
- Photography with iphone 14

WORK EXPERIENCE

Varsity Assisant

Centennial College| 2023 June - 2023 September

- Utilized MySQL database management system to support and streamline various varsity operations, ensuring efficient data organization and retrieval.
- Employed Excel extensively to create and manage tournament budgets, effectively tracking expenses, and optimizing financial resources.
- Collaborated with team members to develop and implement automated solutions using spreadsheet formulas and functions, improving data accuracy and reducing manual errors.
- Assisted in maintaining the varsity website, updating schedules, team information, and results to provide accurate and up-to-date information for athletes, staff, and spectators.
- Conducted data analysis using Excel, generating insightful reports and visualizations to aid decision-making processes and enhance overall performance.
- Assumed responsibility for managing and troubleshooting technical issues related to computer systems and software applications, ensuring smooth operations during competitions and practices.
- Actively participated in meetings and communicated with coaches, administrators, and other staff members to understand their specific needs and provide timely support, demonstrating strong communication and interpersonal skills.