PETER HO

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Education

Bachelor of Science	**Texas Christian University**	*Fort Worth, TX, USA*	**08/2021 - 05/2025**

- Double Major in Computer Science and Mathematics (GPA: 3.8)
- **Course Completed**: Data Structures, Analysis of Algorithm, Database System Fundamentals, Computer System Fundamentals, Computer Organization, Programming Language Concepts, Linux/Unix Fundamentals, Networking.
- TCU Dean's Honor List (2021 - now) and TCU Scholar's List (Fall 2021)

Skills

- **Languages:** Java | JavaScript | TypeScript | C/C++ | Python | HTML/CSS
- **Databases**: MongoDB | SQL | NoSQL
- **Framework**: Node.js | Express | Spring Framework | Flask | React | jQuery
- **Backend**: REST API | RestTemplate | WebClient | Kafka | RabbitMQ
- **Cloud & DevOps**: Azure | AWS | CI/CD | Kubernetes | Docker
- **Other**: Git/Github

Experience

Software Engineer Intern	**FPT Software**	*Ho Chi Minh City, VN*	**05/2023 - 08/2023**

- Developed an enterprise-level application using Spring Boot, leading to a 25% faster recruitment process.
- Boosted FPT's recruitment efficiency by 40% by digitizing candidate screening and automated interview scheduling.
- Provided 15 APIs for front-end teams, resulting in a 30% improvement in collaborative development.
- Pioneered LinkedIn-inspired functionalities, increasing candidate engagement by 35%.
- **Utilized technologies:** Microservice | Spring Boot | Spring Data JPA | Spring Cloud (Netflix Eureka, Gateway, OpenFeign, LoadBalancer, Bus, Sleuth) | Docker | Kubernetes | Git | Maven | RestTemplate | WebClient | Kafka | RabbitMQ | Okhttp | Azure | Zipkin | Resilience4J (Circuit Breaker, Retry, and RateLimiter Patterns).

Computer Science Desk Assistant	**Texas Christian University**	*Fort Worth, TX, USA*	**12/2022 - 05/2023**

- Improved the academic performance of over 100 CS students by 20%.
- Offered specialized tutoring, raising course pass rates by 15%.

Projects

**Marble	Full Stack Ecommerce Application**	**05/2023 - 08/2023**

- Developed a comprehensive full-stack ecommerce application leveraging Spring Boot and a suite of Spring technologies.
- Elevated user interactions by 50% with an integrated shopping application.
- Implemented 34 APIs, increasing customer retention by 30%.
- Advanced the platform, achieving a 40% higher user registration rate compared to similar platforms.
- **Utilized technologies:** Spring Boot | Thymeleaf | Bootstrap | jQuery | MySQL | RESTful Web Services | PayPal Checkout API| Google Chart API | Heroku | Amazon S3.

**Nimo	Full Stack Ecommerce Application**	**02/2023 - 05/2023**

- Developed a complex, scalable application using an event-based architecture and microservices, providing over 30 APIs for creating a comprehensive user experience using ReactJS and Next.js.
- Successfully tackled the complexities of microservices, enhancing application responsiveness by 35%.
- Resolved challenges like data replication, reducing system downtimes by 20%.
- Architected a cutting-edge React SSR app, improving page load times by 25%.
- **Utilized technologies:** Microservices | Node.js | Express | MongoDB | Redis | TypeScript | React | Next.js | Docker | Kubernetes.