MICHAEL LEE CHANG

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Education

The University of Texas at Austin   **2021 − 2023**
Master of Science in Computer Science, GPA 3.97/4.0   *Austin, Texas*
- Teaching assistant for graduate course Parallel Systems (Fall 2022)

National Taiwan University   **2018 − 2020**
Master of Science in Computer Science, GPA 4.25/4.3   *Taipei, Taiwan*
- Thesis *"Alleviating Deduplication-oriented Fragmentation of SSDs by Jointly Considering File Hotness and Popularity"* published in The 20th IEEE International SoC Conference, advised by Tei-Wei Kuo and Chien-Chung Ho

National Taiwan University   **2013 − 2018**
Bachelor of Science in Physics, minor in Computer Science, GPA 3.99/4.3   *Taipei, Taiwan*
- Recipient of the Presidential Award (ranking in the top 5% of the class) for 3 semesters
- Teaching Assistant for undergraduate course Numerical Analysis and Programming (Spring 2016)

Work Experience

Oracle NetSuite   **January 2022 − August 2022**
Software Engineer Intern   *Austin, Texas*
- Developed, tested, and maintained Java/TypeScript ERP web services, showcasing Oracle Database query proficiency.
- Composed test plans and test codes for various types of tests, achieving an average code coverage of above 90%.
- Gained hands-on experience in RESTful API testing and OAuth 2.0 authentication using Postman API Platform.
- Acquired expertise in JetBrains TeamCity, effectively navigating the tool and understanding CI/CD workflows to pinpoint build and integration test failures.
- Attained proficiency in Jira and Confluence while working in a dynamic Agile environment, participating in daily Scrum meetings to enhance collaboration and productivity.
- Participated in a Hackathon 4Good event, providing NetSuite ERP solutions to support nonprofit customers.

An-Hui Information Technology Co., Ltd   **July 2021 − December 2021**
Full Stack Developer   *Taipei, Taiwan*
- Developed a RESTful API service in Go and Gin framework for membership management, ordering and transaction.
- Streamlined the procedure for automatically generating interactive API documents in Swagger format.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Developed company website with Golang and Hugo framework, hosted on Amazon VPS.
- Built and managed Docker services for project management and monitoring systems, including Redmine, Grafana, and Prometheus.

National Taiwan University   **September 2018 − June 2020**
Network Infrastructure Administrator   *Taipei, Taiwan*
- Led the network administration team, managing maintenance for switches, firewall, routers, and NAS.
- Developed PHP/JavaScript web applications, including Master's program application and online thesis submission systems for 1000+ applicants and students.
- Provided technical support for computer hardware, servers, virtual machines, and Windows applications.

Technical Skills

Languages/IDEs: Java, Go, Python, HTML/CSS, JavaScript, SQL, PHP, Bash, LaTeX, VS Code, IntelliJ IDEA
Technologies/Frameworks: Linux, Git, Perforce, TeamCity, Docker, PyTorch, HuggingFace
Others: Agile methodology, Scrum, Jira, Confluence

Extracurricular/ Leadership

Rutgers University   **2017 − 2018**
Exchange Student Program, GPA 3.93/4.0   *New Brunswick, New Jersey*
- Awarded a scholarship for overseas study sponsored by the College of Science.

National Taiwan University Symphony Orchestra   **2013 - 2020**
President, 2015 - 2016   *Taipei, Taiwan*
- Led 80+ members, organized weekly meetings, and oversaw progress and budget for domestic and overseas concerts.
- Represented the university in communications with orchestra clubs from other countries, fostering international collaborations and cultural exchanges.
- Participated actively in weekly rehearsals and showcased percussion skills on 20+ formal occasions during a 7-year span.