Minh (Wilson) Le | Software Engineer

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EDUCATION

Bachelor of Science in Computer Science | Denison University   **Expected Graduation: 05/2024**
- **GPA**: 3.52/4.00
- **Relevant Coursework**: Data Structures, Algorithm Design and Analysis, Data Systems, Computer Systems, Operating Systems, Parallel Computing, Quantum Computing, Artificial Intelligence, Statistics

PROFESSIONAL EXPERIENCE

Pangea Chat | Backend Engineer Intern | Richmond, Virginia   05/2023 - Present
- Develop AI assistant chatbot for app.pangea.chat, serves 1000+ of requests per second with event driven architecture.
- Send out 100.000+ daily messages to help users with language learning by implementing a scheduler system.
- Reduce 90% deployment time by implementing CI/CD pipelines to deploy chatbot and all dependent services.
- Increase developers productivity 10 hrs/week by standardizing development environment using Docker, Terraform.

Century International Development Investment | Backend Engineer | Ho Chi Minh, Vietnam   12/2022 - 05/2023
- Facilitated secure communication for 50+ high-profile employees with end-to-end encrypted messaging service.
- Boosted employees productivity by 20 hrs/week by implementing calendar service, tightly integrated with chat service.
- Increased employee timely response to company updates by 40% by implementing notification service that tightly integrates with chat and calendar service.
- Enhanced front-end developers productivity 50% by integrating an admin dashboard over existing databases.

Designer Brands Inc. | Cloud Application Engineer Intern | Columbus, Ohio   05/2022 - 12/2022
- Assisted in developing 3 cloud-based microservices for www.dsw.com, handles 10M+ requests per day.
- Implemented production-ready features by solving 13+ major tasks in Content, Location, and Config microservice.
- Optimized initial page load time by 0.2 seconds by implementing Python scripts to migrate 2000+ product categories and 3000+ product pages from Oracle proprietary software to internal apps using PostgreSQL and Kubernetes.
- Reduce microservices production outbound traffic 2% by developing features that restrict microservices to send verbose responses to only internal microservices requests.

LEADERSHIP EXPERIENCE

DeerX | Co-Founder | Fullstack Engineer | Columbus, Ohio | github.com/DeerX-Denison   08/2021 - Present
- Establish an open source community for Denison students to get started on open source contributions.
- Lead a team of 7 core engineers to develop full stack mobile application using Agile Sprint management system.
- Reduce campus-wide used item waste 25% by developing an open market system for students to buy and sell items.
- Enhance students' transaction rate 100% by integrating built-in chat and notification services; tightly integrated with the open market system; reliably handled 100K+ messages and notifications daily.

TECHNICAL SKILLS & EXTRA CURRICULAR

- **Programming Languages:** Java, Python, Typescript
- **Frontend Technologies:** HTML, CSS, ReactJS, React Native, TailwindCSS, Sass, Electron
- **Backend Technologies:** Express.js, Next.js, FastAPI, Flask, Django, Spring Boot, Docker, Kubernetes, Celery, RabbitMQ, Apache Kafka, Redis, MongoDB, MySQL, PostgreSQL, SQLite, Terraform, Pinecone, Langchain
- **Cloud Technologies:** Vercel, Serverless Framework, Google Cloud Platform (GCP): Firebase, Cloud Storage, Cloud SQL; Amazon Web Services (AWS): ECS, EC2, Lambda, SQS, RDS, S3, SNS, SES, VPC, Cognito, IAM, EventBridge
- **Extra Curricular:** TAPIA 2023
- **Hobby**: Browsing Github trending projects for cool open-source softwares to self-host on homelab and contribute