

Yun-Chi Pang

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EDUCATION

Northeastern University, Khoury College of Computer Sciences MS in Computer Science – GPA 3.963	San Jose, CA May 2025
The Chinese University of Hong Kong BBA, Dual Concentration: Business Analytics and Big Data & Quantitative Marketing	Hong Kong Dec 2021

SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, C, SQL
Frameworks: Node.js, NestJS, Django, FastAPI, Flask, Spring Boot, WebSocket
Databases: MySQL, PostgreSQL, MongoDB, Redis
DevOps & Cloud: Git, Docker, Kubernetes, AWS, Google Cloud Platform
Interpersonal: Communication, Problem-Solving, Leadership, Cross-Functional Collaboration

PROFESSIONAL EXPERIENCE

Software Engineer Intern OurDate	Remote US Jul 2023 – Oct 2023
<ul style="list-style-type: none">Built Django REST API with Python and MySQL, boosting security and scalability by 25%Increased user satisfaction by 10% for over 100 active users through an end-to-end plan sharing featureEnhanced API documentation, reducing API-related support ticket response times by 90%Conducted >50% required peer code reviews, enhancing releases and code quality with actionable feedback	
Data Engineer Dashmote	Shanghai, China Jan 2022 – Jun 2022
<ul style="list-style-type: none">Developed Python data pipelines handling 1M+ daily outlet/menu records, boosting efficiency by 7%Automated data collection and processing with AWS tools, cutting processing time from 8 hrs to <1 hrEnhanced data coverage from 87% to 95% by enriching geospatial data using SQL and Google Places APIMaintained and enhanced existing codebases on GitHub, improved overall system performance by 15%	
Ops Intern ShopBack	Taipei, Taiwan Sep 2020 – Jul 2021
<ul style="list-style-type: none">Automated data tracking with Python, driving 1% weekly partner growth and reducing 98% of support requestsInitiated internal data pipeline tools using Python, increasing efficiency by 90% and slashing human error by 95%Integrated network API for merchant onboarding, cutting setup time by 10% and boosting partner satisfaction	

OPEN SOURCE

Software Engineer Greenstand, Wallet Microservices & Web Maps (github.com/greenstand)	Remote US Dec 2023 – Present
<ul style="list-style-type: none">Developed Wallet APIs, improving code maintainability by 30% through migration to NestJS with TypeScriptImplemented CI/CD with Docker and GitHub Actions for 120+ engineers, reducing deployment issues by 50%Increased reliability through unit and integration tests in Jest, improving overall coverage by 20%Collaborated with cross-functional teams across time zones, improving project delivery time by 15%	

PROJECTS

GoodHome (Property Bidding System) Django, MySQL, WebSocket, Google Cloud Platform	Mar 2024
<ul style="list-style-type: none">Designed and built a real-time chat feature, enhancing user responsiveness and boosting user engagement by 20%Led a 4-member team, managing priorities to ensure high-quality delivery, reducing post-launch bugs by 15%	
VocaBoost (Vocabulary Learning App) Spring Boot, MongoDB, AWS EC2, Docker	Apr 2023
<ul style="list-style-type: none">Deployed a real-time analytics server to track user behavior, improving data-driven development by 25%.Implemented responsive user interfaces for 5+ devices, achieving 1000+ downloads on the App Store	