

Phong Vu

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EDUCATION

- Incoming Georgia Tech** Atlanta, GA
Bachelor of Science in Computer Science August 2026 – May 2028
- Georgia State University - Bachelor of Science in Computer Science** Atlanta, GA
President's List, GPA: 4.0 / 4.0 August 2024 – May 2026
 - Courses: Core concepts in Computer Science, Object-oriented programming & abstraction, Data Structures and Algorithms, Software Design & Development, Computer System Organization, Introduction to Data Science

SKILLS SUMMARY

- Frontend Development:** React.js, Next.js, Vue.js, React Native, SwiftUI, Responsive UI/UX (Figma)
- Backend & APIs:** Node.js, Express.js, FastAPI, REST/GraphQL APIs, Authentication, CI/CD (Docker)
- Cloud & DevOps:** AWS(EC2,S3,Lambda), Vercel, Netlify, Heroku, Docker, Cloud Monitoring & Deployment
- Databases & Storage:** PostgreSQL, MongoDB, Firebase, Redis, Vercel Postgres, Cloud Blob Storage

EXPERIENCE

- FinBud AI** May 2025 - August 2025
Software Engineer Intern Chicago, IL
 - Deployed Scalable Microservices:** Designed and deployed containerized backend services with Node.js and Docker on AWS/Heroku, adding logging and error recovery that improved scalability and reduced downtime by 30%
 - Streamlined Data Integrations:** Created real-time API integrations with external financial services, enabling low-latency data flow and reducing analytics response time by 25%, supporting advanced trading and risk analysis
 - Shipped Interactive Dashboards:** Implemented interactive dashboards in React.js/Next.js with filtering and charting tools, which increased client engagement and improved accessibility of insights.
- Esmart Solutions Agency** April 2024 - August 2024
Software Engineer Intern Saint Paul, MN
 - Refactored Backend APIs:** Improved API performance by 35% by implementing caching, query optimization, and error-handling in Node.js/Express, which increased system responsiveness for client requests
 - Implemented Automated Data Pipelines:** Designed and deployed scraping pipelines that processed 10,000+ records weekly, leveraging cloud-based storage to deliver accurate, real-time datasets for reporting and analytics
 - Created Cross-Platform Dashboards:** Created responsive Vue.js dashboards connected to backend APIs, which reduced reporting prep time by 15% and improved decision-making with real-time data.
- CF Hub** August 2023 - December 2023
Software Engineer Intern Smithfield, VA
 - Designed Secure API Services:** Created RESTful APIs using Express.js and PostgreSQL, implementing input validation, authentication, and secure data handling practices that reduced failed transactions by 22%.
 - Automated CI/CD Workflows:** Automated testing, containerization, and deployment processes with Docker and GitHub Actions, which shortened release cycles by 35%, and enabled the team to deliver new features more quickly.
 - Upgraded Collaboration Interfaces:** Upgraded React.js interfaces connected to backend APIs by reducing load times and adding real-time collaboration features, which improved the overall user experience for distributed teams.
- Quantfident** May 2023 - August 2023
Software Engineer Intern Hanoi, Vietnam
 - Developed Predictive Analytics Platform:** Built machine learning and statistical models in Python and SQL to forecast financial trends, improving accuracy by 15% and enabling data-driven decision across core business workflows.
 - Engineered Data Pipelines:** Automated data ingestion and transformation pipelines to support real-time analytics features, reducing refresh lag from hours to minutes and ensuring timely delivery of critical insights to decision-makers.

PROJECTS

- Resume2Review:** Built an AI-powered resume review platform with FastAPI/Next.js backend and Vercel Postgres/Blob Storage, reducing review time by 60% and cutting overspending by 20% through AI-driven insights
- Findeep:** Built a multi-agent FP&A assistant using a fine-tuned 7B–13B LLM, automating extraction of financial metrics from reports and spreadsheets, enabling accurate, auditable multi-step analysis with role-based secure storage.

HONORS AND AWARDS

- Top 30 - ICPC Mid-Central USA Regional Contest 2022:** Ranked among the top 30 teams in the Mid-Central Regional Information contest of ICPC North America. Successfully solved 3 out of 6 problems within 5 hours
- Runner-up - Birmingham Local Programming Contest 2022:** Ranked 2nd in the Local Programming Contest held at Birmingham. Successfully solved 5 out of 6 problems from Kattis's platform within 4 hours
- Full-Ride Scholarship – Southern Union Mathematics Tournament (2022):** Awarded full tuition scholarship for exceptional performance in regional mathematics competition