

Alex Li

philaalexli@gmail.com | [AlexLi.dev](https://alexli.dev) | Philadelphia, PA

EDUCATION

Temple University

Philadelphia, PA

BS Computer Science, Mathematics and Data Science Minor

Aug. 2021 – May 2025

- **Awards:** OwlHacks 2023/24 Winner, Philly CodeFest 2024 Winner, Distinction in Major, College of Science & Technology Dean's Scholarship Recipient, Fly-in-4 Recipient
- **Certificates:** CodePath Intermediate Technical Interview Prep, SAP Generative AI Developer, Solution Architect - SAP BTP, Backend Developer - SAP Cloud Application Programming Model
- **Relevant Coursework:** Discrete Math, Calculus III, Linear Algebra, Statistics II, Data Structures & Algorithms, Web App Programming, Operating Systems, Computational Methods in Finance, User Experience Design, Principles of Data Science, Foundations of Machine Learning, Data-Intensive and Cloud Computing

EXPERIENCE

SAP NS2

November 2025 – Present

IT Data & Analytics Specialist

Newtown Square, PA

- Explored the latest trends, methodologies, and best practices in Business AI, staying up-to-date with industry advancements to ensure the application of cutting-edge techniques in projects.
- Analyzed SAP NS2's existing systems using SAP AI - Business Transformation Platform (BTP), identifying opportunities for AI and data analytics integration, leading to enhanced business intelligence capabilities.

Onvector

February 2024 – April 2025

IT Administrator

King of Prussia, PA

- Provided technical support and troubleshooting for software, hardware, and network issues, ensuring minimal disruption and increasing system reliability.
- Monitored network performance and ensured optimal up-time, proactively addressing issues to improve reliability and productivity.

Temple University

August 2022 – June 2025

Teaching Assistant for CIS 1166, 2033, 3223

Philadelphia, PA

- Served as the Lead Teaching Assistant for Discrete Mathematics, Computational Probability & Statistics, Data Structures & Algorithms courses.
- Oversaw recitations and held office hours for **200+** students, addressing theoretical concepts and grading assignments, enhancing student comprehension and participation.

PROJECTS

X-Fire | React Native (Expo), JavaScript, AWS Lambda, Twilio API, YOLOv9, PyTorch

April 2024 – April 2024

- Led a team of four and pitched to multiple judges to secure 3rd place in the beginner category and secure victory in the Comcast sponsored track, triumphing over **63** teams and **450+** competitors, earning a prize of \$1500.
- Implemented a **React Native** application using **AWS** serverless architecture and **Twilio** integration, leveraging **YOLOv9** and **PyTorch** for real-time fire detection, push notification alerts, and communication with authorities.

MedMemo | React (Next.js), Python, Flask, GPT-4, Azure OCR, Supabase

January 2025 – May 2025

- Built a full-stack AI-powered health tech application using React, Flask, and Supabase to convert unstructured medical transcripts into structured summaries, improving patient understanding and healthcare outcomes.
- Developed and implemented GPT-4-based NLP pipelines to extract diagnoses, treatments, and key insights from medical dialogues, resulting in more clear and actionable medical records for patients and providers.

TECHNICAL SKILLS

Languages: Java, Python, C, SQL (Oracle, MySQL), JavaScript, HTML/CSS

Frameworks/Libraries: React, Node.js, TailwindCSS, Spring, JUnit, NumPy, Pandas, PyTorch

Technologies/Tools: Git, VS Code, IDEA, Figma, npm, Maven, Jupyter Notebook, AWS

ACTIVITIES

Secretary, Temple Trading Club (TTC)

Jan. 2024 – 2025

Member, Association for Computing Machinery (ACM)

Sep. 2021 – 2025