STEPHEN LESHKO

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EDUCATION

The Pennsylvania State University   **May 2025**
Bachelor of Science, Computer Science   *University Park, PA*
GPA: 3.90
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Operating Systems

WORK EXPERIENCE

OfferPilot LLC   **March 2023-Present**
Founder and Chief Technology Officer   *University Park, PA*
- Generated over $44,000 in revenue through integration of Stripe payment processing, webhooks and pitch competitions by developing a cover letter creator and resume upgrader using natural language processing
- Achieved 500+ daily active users by building and maintaining a Pinecone vector database-based job feed of technical jobs, complete with a recommendation algorithm providing job fit scores and rationale
- Managed over 10,000 professional documents and user information for effective querying and low-cost storage using Firebase and Google Cloud APIs, ensuring scalable and efficient performance
- Awarded 1st place for Penn State's 2023 Nittany AI Challenge and nominated for the 2024 Summer Founder's Program for exceptional potential in startup development and AI technology skills

PSU Google Developer Student Club   **January 2022-Present**
President & Technical Lead   *State College, PA*
- Spearheaded the leadership of a 300-member student organization, driving the development of skills in app creation, networking, and innovative technologies through strategic workshop design
- Initiated and directed project-based learning initiatives, significantly augmenting member expertise in GitHub, TensorFlow, and Google Cloud Platform via hands-on educational experiences

Yallah Foods LLC   **June-September 2023**
Mobile Developer Intern   *State College, PA*
- Designed a high-performance backend architecture for a React-Native mobile app, enhancing customer satisfaction with real-time order tracking features and points reward system
- Interfaced with Square Orders and Payments and DoorDash APIs to deliver fully integrated in-app purchasing and delivery system, streamlining the food ordering process for an optimal user experience

PROJECTS

TutorAI   **January-December 2023**
- Increased user comprehension of sample exam material by 21% through the development of complex algorithms on a Next.js website, utilizing LLMs with retrieval augmented generation for notes-based studying assistance
- Enhanced platform accessibility by incorporating Microsoft Azure's OCR technology to accurately interpret handwritten math homework and equations, benefiting a broader range of students

Achievify   **January-September 2023**
- Co-developed an AI-driven Next.js application with interactive quizzes, providing personalized career guidance specifically designed to support individuals from marginalized communities
- Curated database of over 1,100 unique careers by integrating the YouTube Data API and leveraging GPT-4 to exhibit engaging, career-centric content, enhancing user engagement through personalized web experiences

DreamBuild: YouTube Video Creator / Automator   **December 2023-Present**
- Automated the production of educational YouTube videos through creation of cutting-edge content generation algorithms using Python and Firebase for hosting
- Innovated an automation workflow with Zapier Zap and Google Cloud webhooks, enabling scheduled video creation and uploads, maximizing content availability and viewer engagement

EXTRAS

Skills: Next.js, Google Cloud Platform, Azure, Firebase, Flutter, Vector Databases, React, Node.js, Python, TensorFlow, SQL
Certifications: Artificial Intelligence via LinkedIn, Machine Learning via Kaggle
Awards: Nittany AI Challenge 1st Place, Lion Tank Pitch Competition 1st Place, Penn State Summer Founder's Program