

STEPHEN LESHKO

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EDUCATION

The Pennsylvania State University

Bachelor of Science, Computer Science

GPA: 3.90

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Operating Systems

May 2025
University Park, PA

WORK EXPERIENCE

OfferPilot LLC

Founder and Chief Technology Officer

March 2023-Present

State College, PA

- Generated over **\$46,000 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 **2,000+ signups**, **59 new subscribers**, and **700 daily active users** in August 2024 through maintenance of a Pinecone vector database-based job feed, complete with job match scoring for users
- 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 Founders Program** for exceptional potential in startup development and AI technology skills

Achievify

Backend Developer

January-September 2023

State College, PA

- Co-developed an AI-driven Next.js application, PathQuester, with interactive quizzes, providing **personalized career guidance** specifically designed to support individuals from **marginalized communities**
- Curated database of over **1,000 unique careers** by integrating YouTube's Data API and leveraging GPT-4 to exhibit engaging, career-centric content, enhancing user engagement through personalized web experiences

Veraplex Solutions LLC

Mobile Developer Intern

June-September 2023

State College, PA

- Engineered a high-performance backend for a React-Native app, integrating Square and DoorDash APIs, resulting in a **22% increase in delivery profit margins** and enhanced real-time order tracking
- Boosted customer satisfaction by designing a loyalty program and **in-app purchasing system**, streamlining food ordering and rewarding users with a points system

PROJECTS

DreamBuild: YouTube Video Creator / Automator

January 2024

- Automated the production of educational YouTube videos through creation using **AI 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

TutorAI: Study/Homework AI Assistant

January-September 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

SpitFire: AI Deekfake Rap Battle Social Media Platform

April 2023

- Secured **1st place** in the entertainment track at **HackPSU Spring 2023** by developing the backend using Google Firebase for authentication, audio storage, and a recommendation system tailored to user preferences
- Created a **text-to-speech** algorithm that generated AI rap battle videos featuring pop culture figures, effectively integrating Google **Firebase** for database management and video storage

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, Summer Founders Program