Anant Palve

LinkedIn | GitHub

Education

The Pennsylvania State University Monaca, PA

B.S. in Cybersecurity Analytics and Operations, Minor in Artificial Intelligence Engineering *May 2029*

- **Relevant Coursework:** Programming and Computation, Engineering Design, Networks and Telecommunications, Object-Oriented Application Programming, Principles of Cybersecurity, Cyber Defense Studio, Data and Organization, Discrete Mathematics, Calculus and Analytical Geometry

Experience

Oxford Athletic Club Jun. 2026 – Present

Cafe Supervisor *Wexford, PA*

- Oversee daily café operations, coordinating staff responsibilities, workflow efficiency, and service quality in a high-volume hospitality environment
- Supervise and train team members, delegate operational tasks, and resolve customer concerns to maintain service standards
- Manage point-of-sale transactions, cash handling, inventory monitoring, and daily operational procedures while ensuring compliance with food safety standards

PNC Bank Jun. 2025 – Aug. 2025

Summer Intern *Pittsburgh, PA*

- Shadowed enterprise cybersecurity and technology teams supporting secure authentication, data protection, and fraud prevention systems
- Gained exposure to identity and access management technologies including Ping, OUD, and Twilio within enterprise banking infrastructure
- Participated in Agile workflows, code reviews, and technical discussions surrounding secure enterprise systems

Best Buy Jun. 2024 – Nov. 2025

Geek Squad Associate *Pittsburgh, PA*

- Diagnosed and troubleshot computer hardware, software, and operating system issues for customers
- Achieved the highest Best Buy Total membership sales at the location in Aug. and Sept. 2024
- Provided technical support and communicated solutions to customers with varying levels of technical experience

Projects

Behavioral Anomaly Detector | *Python, Scikit-learn, Streamlit, Isolation Forest* August 2026

- Developed an open-source machine learning threat detection system using Isolation Forest to identify anomalous user and network behavior
- Implemented behavioral risk scoring and financial exposure estimation, presenting anomaly insights through an interactive Streamlit dashboard for cybersecurity and fintech applications

Bigram Language Model | *Python, PyTorch, NLP* June 2026

- Built a character-level language model in PyTorch with a complete training pipeline including batching, cross-entropy loss optimization, validation tracking, and autoregressive text generation
- Implemented and trained an N-Gram language model architecture and extended functionality toward transformer-based self-attention mechanisms for sequence prediction

Technical Skills

Languages: Python, Java, SQL, JavaScript, TypeScript, HTML, CSS
Frameworks / Libraries:PyTorch, Next.js, Scikit-learn, Pandas, NumPy, Streamlit, Plotly
Cybersecurity / Data: Isolation Forest, Behavioral Anomaly Detection, Risk Scoring, PostgreSQL, IAM
Developer Tools: Git, GitHub, VS Code, Claude Code, Codex, Ping, OUD, Twilio, Microsoft Office Suite