


STANLEY KIM

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Education

Purdue University

August 2022 – May 2025

Bachelor of Science in Computer Science; GPA: 3.64

West Lafayette, IN

- **Relevant Coursework:** Introduction to Analysis of Algorithms, Data Structures and Algorithms, Software Engineering, Systems Programming, Software Testing, Computer Architecture, Discrete Mathematics
- **Awards:** Recipient of William C. Nylin Jr. Endowed Scholarship, Dean's List and Semester Honors

Experience

Software Engineer Intern

June 2024 – Present

Kohl's

San Ramon, CA

- Kohl's Marketplace Backend Team, utilizing Java, Spring Boot, AWS, MongoDB.

Undergraduate Teaching Assistant

August 2023 – May 2024

The Data Mine @ Purdue University

West Lafayette, IN

- Mentored **9 students** as a TA in the Data Mine Learning Community, focusing on enhancing failure prediction and usage patterns for **Inogen's** portable oxygen concentrators using **Multivariate LSTM** and **Random Forest** models.
- Guided student projects in data analysis and machine learning, achieving a **82% accuracy** in predictive tasks across various models.

Technology Intern

May 2023 – August 2023

Comerica Bank

Auburn Hills, MI

- Engineered custom **Java** scripts to automate HR bulk change procedures, drastically reducing a two-week manual process into an efficient, streamlined workflow.
- Utilized **MySQL** database APIs to efficiently access and manipulate data within **SailPoint IdentityIQ**.
- Collaborated with HR Operations to synchronize critical employee information, including role changes, transfers, and terminations, across multiple platforms.

Software Engineer Intern

May 2022 – August 2022

Quantic

King of Prussia, PA

- Leveraged **PostgreSQL** for backend data engineering, performing data retrieval and processing to extract critical performance metrics for store associates.
- Enhanced stakeholder decision-making by developing interactive **React** dashboards with **Chart.js**, optimizing the visualization of productivity and efficiency metrics.
- Developed **50 test scripts** using **Python** and **Selenium** to evaluate web-based POS system functionalities.

Projects

StockPulse — *React, Next.js, Java, Spring, Python, Flask, MySQL, Docker*

May 2024 – Present

- Developed an engaging stock market simulation game featuring real-time trading using the **Yahoo Finance API** and **OpenAI API** for market analysis and insights.
- Featured Personal Mode for individual practice and Competitive Mode with a leaderboard for multiplayer challenges.
- Implemented robust cybersecurity measures, including AES-based encryption and secure API communications, to ensure user data privacy and system integrity.

BluMap | *React, Next.js, Node.js, PostgreSQL, Jest, Docker*

January 2024 – May 2024

- Collaborated in the Software Engineering course as a team of four to develop a travel planning web app with itinerary customization, community features, and **Google Places API** integration.
- Implemented social features like following and liking, and developed an admin dashboard for managing content.
- Utilized **Docker** and **CI/CD pipelines** to ensure deployment quality, creating **150 test cases** for testing.

Technical Skills

Languages: Java, JavaScript, Python, C, C++, HTML/CSS, SQL

Frameworks: React, Next.js, Spring Boot, MySQL, MongoDB, PostgreSQL, Node.js, Express.js, Keras, TensorFlow

Developer Tools: AWS, Docker, VS Code, Git, Apache Maven, Jupyter Notebook, Chart.js, Jest, Selenium