SUMMARY

Innovative AI leader with a robust background in editorial operations and over a decade of experience in senior-level roles within media and technology organizations. Demonstrated success in collaborating with product and technological teams to develop practical AI solutions, leveraging advanced technologies to enhance editorial workflows. Possess strong expertise in AI technologies, data analysis, and machine learning applications, with a strategic mindset that aligns AI initiatives with organizational goals. Committed to advocating for AI ethics while driving innovation and maintaining journalistic standards. Advanced degree in Information Science complements a deep understanding of AI implications in media, underscoring a unique ability to lead diverse teams and communicate complex concepts to non-technical stakeholders.

EXPERIENCE

XXX Lab, University XXX   *XXX, PA*

Software Developer - Volunteer   *July 2024 – Aug 2024*

- Designed and implemented a scalable data-sharing pipeline using AWS technologies, enhancing data processing efficiency and supporting large-scale data analysis, aligning with AI initiatives in media contexts.
- Leveraged Spark for ETL processes, enabling rapid data processing and querying, which supports consumer product development and data analysis in editorial settings.

Department of XXX, University XXX   *XXX, PA*

Software Developer   *Jun 2023 – Feb 2024*

- Developed an Alexa skill integrated with a Django and NextJS application, facilitating remote medical resource access, showcasing the practical application of AI technologies in consumer products.
- Implemented advanced security features within a Django Restful API, ensuring secure data handling, reflecting a commitment to responsible AI usage and data integrity.

国内某科技小公司   *XXX, China*

Computer Vision Algorithm R&D Intern   *Oct 2021 – Mar 2022*

- Fine-tuned YOLO models for enhanced object detection accuracy, demonstrating expertise in machine learning applications relevant to media and editorial contexts.
- Automated testing environment setup for robotic systems, reducing preparation time significantly, which reflects strong organizational and cross-functional collaboration skills.

EDUCATION

University XXXX   *XXX, PA*

Master XXX Information Science   *Aug 2022 - May 2024*

GPA 3.95/4.0, demonstrating academic excellence and a strong foundation in information science

Coursework in Application of Networks and Cloud Computing, providing a solid understanding of technological infrastructure crucial for AI integration in media

Immersive Media Applications project, focusing on the practical application of advanced technology in editorial settings

University XXX (QS TOP 20)   *XXX, Australia*

Bachelor of Science (Honors) in Computer Science & Eng   *Mar 2017 - Nov 2021*

Coursework in Applied AI, Data Mining, and Deep Learning, aligning with the job's focus on AI technologies and machine learning applications

Advanced Topics in Statistical Machine Learning, providing expertise in data analysis and consumer product development

Capstone project on AI-driven media workflows, demonstrating the ability to integrate AI into editorial operations

SKILLS

Technical Skills: AI technologies, Data analysis, Machine learning applications, Consumer product development, Go, Python, Data Science

Soft Skills: Leadership, Strategic mindset, Collaboration, Communication, Advocacy for AI ethics, Decision-making, rganization

Other Skills: Editorial operations, Cross-functional collaboration, Journalistic standards and ethics

PROJECTS

Serverless Document Processing System

Designed and delivered a serverless full-stack system using AWS services (Lambda, S3, EC2, DynamoDB, API Gateway) and ReactJS, with TypeScript and AWS CDK for infrastructure as code, showcasing advanced technological solutions.

Implemented DynamoDB-triggered Lambda functions for automated EC2 instance provisioning and script execution, achieving a seamless and cost-efficient file processing workflow, demonstrating strong alignment with AI technologies and data analysis in media contexts.

Camping Advisor Portal

Integrated VisualCrossing Weather API and Google Maps API for advanced data analysis and proximity-based campsite discovery, illustrating the application of AI technologies in consumer product development.

Leveraged Neo4j Graph Database for data persistence and employed ExpressJS and D3JS for visual data presentation, aligning with the strategic mindset required for media and editorial contexts.

Accommodation Website

Developed an Airbnb-like housing app using React, Django, and PostgreSQL, achieving top 10% ranking for user-friendly design and fake comment detection, highlighting consumer product development skills.

Implemented advanced data analysis techniques to enhance user experience, demonstrating a strong understanding of AI technologies and their implications in media.

E-commerce Website

Developed a functional lightweight e-commerce website using the MERN stack, focusing on scalable design and foundational full-stack development practices, relevant to consumer product development in media.

Showcased leadership and collaboration skills by aligning technological solutions with organizational goals, emphasizing a strategic mindset.

Clinical Reminder Backend

Developed a clinic reminder system's backend using Spring Boot, Spring MVC, and Spring Data JPA, featuring RESTful APIs for managing patient information and reminders, demonstrating data analysis and machine learning applications.

Delivered the project in just three days, showcasing decision-making and organizational skills crucial for senior-level editorial roles.

Unity(C#) Game Development

Led a team to win the XXX Award at XXX Game Jam with a Unity-built game, demonstrating leadership and strategic mindset in integrating AI into media workflows.

Independently developed and released a 3D adventure game, highlighting innovation and the ability to communicate complex concepts to diverse teams.