Name

P: +1(000) 000-0000 | 1234@gmail.com | LinkedIn Link | Github Link

PROFESSIONAL SUMMARY

Innovative AI leader with a robust background in editorial operations and a deep comprehension of AI technologies, positioned to drive strategic initiatives in media and technology organizations. With over a decade of experience in senior editorial roles, adeptly collaborate with product and technological teams to develop practical AI solutions, leveraging advanced data analysis and machine learning applications. Skilled in leading diverse teams, communicating complex AI concepts to non-technical stakeholders, and advocating for ethical AI use, while maintaining a commitment to journalistic standards and innovation. Equipped with a Master's in Information Science, and proven expertise in consumer product development, ready to align AI initiatives with organizational goals and drive monetization strategies.

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 capabilities and enabling efficient querying of large datasets, aligning with AI-driven data analysis needs in media contexts.
- Leveraged Spark for ETL processes to improve performance and reduce costs, demonstrating strong data analysis and machine learning application skills relevant to media and 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-based web application, showcasing consumer product development skills and AI technology integration.
- Implemented advanced security features and a CI/CD pipeline, demonstrating leadership in project development and collaboration with technological teams.

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, illustrating practical applications of AI technologies.
- Automated testing environment setup, significantly reducing preparation time, and collaborated with cross-functional teams, highlighting organizational and collaborative skills.

EDUCATION

UNIVERSITY XXXXXXX, PA

Master XXX Information ScienceAug 2022 - May 2024

GPA 3.95/4.0

Coursework in Cloud Computing and Network Science, emphasizing AI integration in media workflows

Projects focused on Immersive Media Applications, aligning AI initiatives with organizational goals

UNIVERSITY XXX (QS TOP 20)XXX, Australia

Bachelor of Science (Honors) in Computer Science & EngMar 2017 - Nov 2021

Coursework in Applied AI, Data Mining, and Deep Learning, providing a strong foundation in AI technologies

Advanced Topics in Statistical Machine Learning, relevant to data analysis and machine learning applications in media

Capstone project on AI-driven consumer product development, demonstrating practical applications in media contexts

SKILLS

Technical Skills: AI technologies, Data analysis, Machine learning applications, Consumer product development, Data Science, Python, Java, AWS, Docker, Hadoop

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

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

PROJECTS

SERVERLESS DOCUMENT PROCESSING SYSTEM

Designed and delivered a serverless full-stack system utilizing AWS services (Lambda, S3, EC2, DynamoDB, API Gateway) and ReactJS, with TypeScript and AWS CDK for infrastructure as code, showcasing advanced technology applications in a media context.

Implemented DynamoDB-triggered Lambda functions for automated EC2 instance provisioning and script execution, achieving a seamless file processing workflow with cost-efficient cleanup, aligning with AI-driven automation and security best practices.

CAMPING ADVISOR PORTAL

Integrated VisualCrossing Weather API and Google Maps API for data-driven campsite discovery, leveraging Neo4j Graph Database for data persistence, showcasing data analysis and consumer product development skills.

Employed ExpressJS and D3JS for presenting optimal meteor shower spots and weather assessments, demonstrating the application of machine learning insights in enhancing user experience.

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 and data analysis capabilities.

E-COMMERCE WEBSITE

Developed a functional lightweight e-commerce website using the MERN stack (MongoDB, Express.js, React, Node.js), focusing on scalable design and foundational full-stack development practices, aligning with AI-driven consumer product development.

CLINICAL REMINDER BACKEND

Developed a clinic reminder system's backend in three days using Spring Boot, Spring MVC, and Spring Data JPA, featuring RESTful APIs for patient information management and reminders, demonstrating rapid development and data-driven decision-making.

UNITY(C#) GAME DEVELOPMENT

Led a team to win the XXX Award at XXX Game Jam with a Unity-built game, and independently developed and released a 3D adventure game, showcasing leadership, strategic mindset, and innovative use of AI technologies in media.