

Name

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PROFESSIONAL SUMMARY

Innovative AI leader with a robust background in editorial operations and advanced technologies, offering over a decade of experience in senior editorial roles within media and technology organizations. Proven track record of collaborating with product and technological teams to develop AI-driven solutions that enhance editorial workflows and consumer-facing products. Expertise in AI technologies, data analysis, and machine learning applications, complemented by a strategic mindset and strong communication skills to articulate complex AI concepts to non-technical stakeholders. Advocate for responsible AI usage, committed to bridging journalistic principles with AI solutions to drive innovation and strategic growth.

EXPERIENCE

XXX Lab, University XXX

XXX, PA

Software Developer - Volunteer

July 2024 – Aug 2024

~~2022~~ Designed and implemented a scalable, secure data-sharing pipeline using AWS technologies, enhancing data processing and querying capabilities, which is crucial for developing AI-driven solutions in media contexts.

~~2022~~ Leveraged Spark for ETL processes, enabling rapid data processing and querying, demonstrating strong data analysis and machine learning application skills relevant to consumer product development in media.

Department of XXX, University XXX

XXX, PA

Software Developer

Jun 2023 – Feb 2024

2023

Developed an Alexa skill integrated with a web application to connect patients with caregivers, showcasing the ability to develop consumer-facing products and communicate complex AI concepts effectively.

2023

Implemented advanced security features and a CI/CD pipeline, highlighting leadership and cross-functional collaboration skills essential for editorial operations and AI ethics advocacy.

国内某科技小公司

XXX, China

Computer Vision Algorithm R&D Intern

Oct 2021 – Mar 2022

2022

Fine-tuned YOLO models for server room inspection robots, improving object detection accuracy, reflecting a strong understanding of AI technologies and their implications in media.

2022

Automated testing environment setup, significantly reducing preparation time, demonstrating strategic decision-making and organization skills in AI-driven solution development.

EDUCATION

University XXXX

XXX, PA

Master XXX Information Science

Aug 2022 - May 2024

GPA 3.95/4.0, demonstrating strong academic performance and mastery of complex information science concepts

Coursework in Application of Networks and Cloud Computing, focusing on developing scalable solutions and practical applications of advanced technology

Immersive Media Applications coursework, aligning with the development of consumer-facing media products and editorial workflows

University XXX (QS TOP 20)

XXX, Australia

Bachelor of Science (Honors) in Computer Science & Eng

Mar 2017 - Nov 2021

Coursework in Applied AI and Deep Learning, providing a strong foundation in AI technologies and their implications in media

Advanced Topics in Statistical Machine Learning, equipping with skills for data analysis and machine learning applications in editorial contexts

Data Mining coursework, relevant for developing AI-driven solutions and enhancing editorial workflows

SKILLS

Technical Skills: AI technologies, Data analysis, Machine learning applications, Consumer product development, Editorial operations, Python, Java, AWS

Soft Skills: Leadership, Strategic mindset, Cross-functional collaboration, Communication of complex concepts, Advocacy for AI ethics, Decision-making, Organization

Other Skills: Data Science, Collaboration with product teams, AI tools and methodologies, Responsible AI usage

PROJECTS

Serverless Document Processing System

Engineered a serverless full-stack system leveraging AWS services (Lambda, S3, EC2, DynamoDB, API Gateway) and ReactJS, utilizing TypeScript and AWS CDK for infrastructure as code, demonstrating advanced technological solutions in a media context.

Implemented DynamoDB-triggered Lambda functions for automated EC2 instance provisioning and script execution, optimizing file processing workflows with cost-efficient cleanup, adhering to AWS security best practices, showcasing leadership in AI-driven solutions.

Camping Advisor Portal

Integrated VisualCrossing Weather API and Google Maps API for enhanced data analysis and consumer product development, facilitating proximity-based campsite discovery and 15-day weather predictions.

Utilized Neo4j Graph Database for data persistence and employed ExpressJS and D3JS for visualizing optimal meteor shower spots, sunrise and sunset vistas, demonstrating cross-functional collaboration and strategic decision-making in consumer-facing products.

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, illustrating practical applications of AI technologies in consumer product development.

E-commerce Website

Created a functional lightweight e-commerce platform using the MERN stack (MongoDB, Express.js, React, Node.js), focusing on scalable design and foundational full-stack development practices, aligning with editorial operations and consumer product strategies.

Clinical Reminder Backend

Developed a backend system for a clinic reminder application using Spring Boot, Spring MVC, and Spring Data JPA in just three days, featuring RESTful APIs for managing patient information and sending reminders, demonstrating leadership in rapid solution development.

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 and strategic mindset in AI-driven consumer-facing products.

