

Name

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## PROFESSIONAL SUMMARY

Innovative AI leader with over a decade of experience in senior-level editorial roles, adept at integrating AI technologies into media workflows to drive strategic initiatives and monetize content. Proven track record of collaborating with product and technology teams to develop practical AI applications, leveraging expertise in data analysis and machine learning to enhance editorial operations. Skilled in communicating complex concepts to non-technical stakeholders and advocating for responsible AI usage, while upholding journalistic standards and ethics. Holds advanced degrees in Information Science and Computer Science, complemented by practical experience in scalable data processing and cloud computing solutions.

# EXPERIENCE

XXX LAB, UNIVERSITY XXX

XXX, PA

Software Developer - Volunteer

July 2024 – Aug 2024

- Designed and implemented a scalable, secure data-sharing pipeline using AWS technologies, enhancing data processing efficiency and supporting large-scale data analysis, aligning with AI-driven editorial initiatives.
- Leveraged Spark for ETL processes, enabling rapid data processing and querying, which supports data analysis and machine learning applications in a media context.
- Integrated AWS QuickSight and a NextJS front-end to create a user-friendly interface for data interaction, facilitating consumer product development and enhancing editorial workflows.

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, enhancing accessibility to media resources and demonstrating consumer product development in a technological context.
- Implemented advanced security features within the Django Restful API, ensuring secure data handling and compliance with ethical standards in AI applications.
- Produced comprehensive video tutorials to streamline onboarding and project development, demonstrating leadership and effective communication of complex concepts to non-technical stakeholders.

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, showcasing AI technology application and data analysis skills relevant to media workflows.
- Automated the testing environment setup, significantly reducing preparation time and improving development efficiency, aligning with strategic AI initiatives in media contexts.

# EDUCATION

UNIVERSITY XXXXXXX, PA

Master XXX Information ScienceAug 2022 - May 2024

Coursework in Cloud Computing and Network Science, emphasizing AI-driven solutions and their applications in media contexts

Achieved a GPA of 3.95/4.0, demonstrating strong analytical and problem-solving skills relevant to AI innovation

UNIVERSITY XXX (QS TOP 20)XXX, Australia

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

Specialized in Applied AI and Advanced Topics in Statistical Machine Learning, focusing on integrating AI technologies into media workflows

Completed projects on Data Mining and Deep Learning, showcasing ability to develop AI-driven consumer products and editorial applications

## SKILLS

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

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

**Other Skills:** Editorial operations, Cross-functional collaboration, Journalistic standards and ethics, AI integration in media

## PROJECTS

### SERVERLESS DOCUMENT PROCESSING SYSTEM

Designed and delivered a serverless full-stack system using AWS services and ReactJS, leveraging TypeScript and AWS CDK for infrastructure as code, demonstrating advanced technology application in a media context.

Implemented automated workflows with DynamoDB-triggered Lambda functions for EC2 provisioning, enhancing operational efficiency and cost-effectiveness while adhering to security best practices, aligning with organizational goals.

### CAMPING ADVISOR PORTAL

Integrated advanced APIs for weather predictions and proximity-based discovery, showcasing the ability to develop consumer products with data-driven insights.

Utilized Neo4j Graph Database and ExpressJS for data persistence and visualization, demonstrating expertise in data analysis and machine learning applications relevant to media and editorial contexts.

### ACCOMMODATION WEBSITE

Developed a user-friendly housing app using React, Django, and PostgreSQL, achieving top 10% class ranking, highlighting skills in consumer product development and user experience design.

Implemented fake comment detection features, showcasing the application of AI technologies in enhancing media integrity and consumer trust.

### E-COMMERCE WEBSITE

Developed a scalable e-commerce platform using the MERN stack, focusing on foundational full-stack development practices, relevant to consumer product development in media settings.

Emphasized scalable design and robust architecture, aligning with strategic goals for innovation and monetization in editorial operations.

### CLINICAL REMINDER BACKEND

Developed a backend system using Spring Boot and RESTful APIs, enabling efficient management of patient information and reminders, demonstrating leadership in cross-functional collaboration and decision-making.

Delivered the project in a rapid timeframe, showcasing organizational skills and the ability to drive innovation under tight deadlines.

### UNITY(C#) GAME DEVELOPMENT

Led a team to win an award at a Game Jam with a Unity-built game, demonstrating leadership and strategic mindset in creative technology projects.

Independently developed and released a 3D adventure game, highlighting skills in consumer product development and innovative media applications.