Name

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PROFESSIONAL SUMMARY

With over a decade of experience in senior-level editorial roles, adeptly integrating AI technologies within media workflows, possess a strategic mindset and a proven track record of collaborating with product and technological teams to develop innovative solutions. Expert in data analysis, machine learning applications, and consumer product development, leveraging a strong understanding of AI tools to drive editorial innovation while upholding journalistic standards and ethics. Committed to communicating complex concepts to non-technical stakeholders and advocating for responsible AI usage, ensuring alignment with organizational goals and fostering monetization strategies. Equipped with an advanced degree in Information Science and extensive technical expertise, uniquely positioned to lead diverse teams in transforming media operations through strategic AI integration.

EXPERIENCE

XXX Lab, University XXX   *XXX, PA*

  Software Developer - Volunteer   *July 2024 – Aug 2024*

Department of XXX, University XXX   *XXX, PA*

  Software Developer   *Jun 2023 – Feb 2024*

国内某科技小公司   *XXX, China*

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

EDUCATION

University XXXX   *XXX, PA*

Master XXX Information Science   *Aug 2022 - May 2024*

  GPA 3.95/4.0, demonstrating strong academic performance and analytical skills

  Coursework in Application of Networks and Cloud Computing, relevant to developing AI solutions in media contexts

  Immersive Media Applications project focused on integrating AI technologies into 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 solid foundation in AI technologies and methodologies

Advanced Topics in Statistical Machine Learning, emphasizing data analysis and machine learning applications

Data Mining project focused on consumer product development and media applications

SKILLS

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

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

Collaborated with cross-functional teams to design and deliver 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 leadership in integrating advanced technology.

Implemented DynamoDB-triggered Lambda functions for automated EC2 instance provisioning and script execution, achieving a seamless file processing workflow with cost-efficient cleanup, while adhering to AWS security best practices, demonstrating strategic decision-making and innovation.

Camping Advisor Portal

Integrated VisualCrossing Weather API for 15-day weather predictions and Google Maps API for proximity-based campsite discovery, highlighting consumer product development skills.

Leveraged Neo4j Graph Database for data persistence, and employed ExpressJS (Elastic Beanstalk) along with D3JS (Glitch) for presenting optimal meteor shower spots, assessing sunrise and sunset vistas, and offering guidance on umbrella necessity, demonstrating data analysis and visualization capabilities.

Accommodation Website

Developed an Airbnb-like housing app using React, Django, and PostgreSQL, achieving the top 10% ranking in class for its user-friendly design and fake comment detection features, showcasing consumer product development and data analysis skills.

E-commerce Website

Developed a functional lightweight e-commerce website using the MERN stack (MongoDB, Express.js, React, Node.js), focusing on foundational full-stack development practices and scalable design, demonstrating technical leadership and strategic innovation.

Clinical Reminder Backend

Analyzed consultation system needs and developed the clinic reminder system's backend in just three days using Spring Boot, Spring MVC, and Spring Data JPA, featuring RESTful APIs that allow doctors to manage patient information and send reminders, highlighting rapid problem-solving and data management skills.

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 on itch.io, demonstrating leadership, collaboration, and innovative application of AI technologies in media-related contexts.