Lucy Hunter

AI/ML Engineer | Full-Stack Developer

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SUMMARY

Innovative AI/ML Engineer with 8+ years of experience delivering end-to-end AI solutions. Expert in Deep Learning, NLP, and computer vision, with strong full-stack and mobile development skills. Proficient in Python/FastAPI/Flask, JavaScript/TypeScript, Node.is, React, Next.is, Nest.is, React Native, and modern frameworks like TensorFlow, PyTorch, Hugging Face Transformers, OpenCV. Experienced in cloud platforms including AWS, Azure, Google Cloud, containerization and orchestration (Docker, Kubernetes), and working with databases such as PostgreSQL, MongoDB, Redis. Skilled at designing and deploying Al-driven, production-ready, scalable applications across web and mobile platforms. Driven to apply AI to solve complex business challenges and create measurable impact.

EXPERIENCE

Software Engineer

Sparc Edu Tech

- Created an Al virtual teacher using NLP and Computer Vision, enhancing interactive learning and increasing student engagement bv 18%.
- · Optimized AI algorithms for content analysis and automatic grading, improving learning accuracy by 12% and reducing manual grading workload.
- Integrated AI systems into the educational platform, enabling real-time performance tracking, adaptive learning paths, and datadriven insights for teachers, improving overall platform usage by 20%.

Software Engineer

StreamRio Pvt. Inc

m 03/2022 - 10/2024 Toronto, Ontario

- Developed real-time vehicle detection and tracking algorithms using advanced CV techniques, improving traffic incident detection accuracy by 20%.
- Built an Al-driven Restaurant Reservation System leveraging Retell Al for natural language understanding, increasing booking automation by 40%.
- Delivered business analysis and predictive analytics solutions using machine learning models, improving operational efficiency by 15% and providing actionable insights.

Full Stack Developer

Infinit-O Global

- Built and maintained full-stack web applications using React, Angular, Node.js, and Django, ensuring responsive, scalable solutions and increasing user engagement by 15%.
- Created cross-platform mobile applications with React Native, providing seamless experiences on iOS and Android and boosting mobile adoption by 12%.
- Engineered Al-powered chatbots and virtual assistants for customer support, reducing response time by 30% and automating repetitive queries.
- Automated business workflows with custom scripts and tools, cutting manual tasks by 25% and improving team efficiency.
- Deployed web and mobile applications to cloud platforms (AWS, Azure) with CI/CD pipelines, ensuring 99% uptime and reliable production releases.

Internship

ClinkIT Solutions

10/2017 - 05/2018 Makati, Philippines

- Participated in coding sprints and team meetings, gaining hands-on experience with Agile development processes.
- · Assisted in preprocessing datasets and running basic machine learning scripts for small Al-related projects.
- Documented code, processes, and user manuals to support knowledge sharing and team collaboration.
- · Learned and applied version control with Git, ensuring organized, trackable development workflows.
- Contributed to mobile application development tasks using frameworks like React Native or Flutter.

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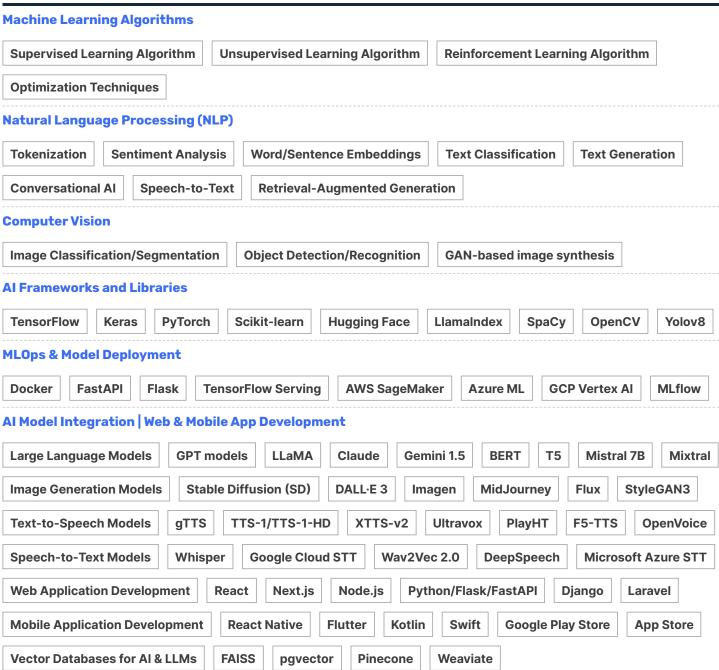
EDUCATION

Bachelor of Computer Science

Mapúa University

- Graduated with honors in Computer Science, achieving a cumulative GPA of 3.8/4.0.
- Served as team lead for a university software development project, coordinating 5 members and delivering on schedule.
- Organized workshops and seminars on Al and web development, educating over 180 students.
- Completed research collaborations with university lab, gaining hands-on experience in AI, ML, or full-stack development.

SKILLS



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