# Irish Danielle "Ase" Morales

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## EDUCATION

**Ateneo de Manila University** — 2024

*BS Computer Science (Specialization in Data Science and Analytics)*

- Top program graduate based on academics and extracurriculars (Program Award)
- GPA: 3.83/4.00, Director's List Scholar (Top 150 examinees), 100% Financial Aid Scholar

## PUBLICATIONS

Morales, Irish Danielle et al. (2024). "MobileLookNet: A Lightweight Convolutional Neural Network for Detection of Osseous Metastasis Using Feature Fusion and Attention Strategies". In: *Proceedings of the 2024 2nd Asia Conference on Computer Vision, Image Processing and Pattern Recognition*. CVIPPR '24. Xiamen, China: Association for Computing Machinery. ISBN: 9798400716607. DOI: 10.1145/3663976.3664235. URL: https://doi.org/10.1145/3663976.3664235.

Rodrigo, Maria Mercedes et al. (2024). "An Experience Sampling Study of Student Emotional Life: Preliminary Results". In: *International Conference on Computers in Education*. DOI: 10.58459/icce.2024.4999. URL: https://library.apsce.net/index.php/ICCE/article/view/4999.

## PROGRAMS AND WORKSHOPS

**Existential Risk Workshop** — Feb 2024

*Global Challenges Project* — *Oxford, UK*

On biosecurity through preventing bio-engineered pandemics and AI safety through technology and policy

**In-Depth Effective Altruism – Moral Philosophy Track** — Mar 2024 - May 2024

*The Centre for Effective Altruism* — *Remote — Global*

On AI alignment, including reinforcement learning from human feedback, interpretability, and scalable oversight

**In-Depth Effective Altruism – Moral Philosophy Track** — Jun 2021 – Aug 2021

*The Centre for Effective Altruism* — *Remote — Global*

On evidence-based ways to maximize social impact through an intersection of philosophy, policy, and technology

**Introduction to Effective Altruism** — Sep 2020 - Nov 2020

*Effective Altruism Blue* — *Remote - Metro Manila, PH*

On frameworks for social impact across multiple fields: healthcare, philosophy, economics, rationality, etc.

## PROFESSIONAL EXPERIENCE

**Founding Developer** — Apr 2025 - Jul 2025

*Tenext.ai*

- End-to-end development of an AI assistant that secured an RFP with the Philippines' flag carrier airline
- Completed SOC 2 and ISO 27001 compliance documentation within 2 weeks
- Joined as the 5th engineer at an early-stage (1-month-old) startup

**Full Stack Developer** — Feb 2025 - Apr 2025

*FYB Technologies*

- Developed backend of a finance module with complex revenue calculations, precision-safe accounting logic, wallet system, transaction ledger, and payment gateway integration in 2 months
- Joined as the 4th engineer of a product team at an early-stage (3-month-old) startup

**Full Stack Developer** <span style="float:right">Jun 2023 - Dec 2024</span>

*Hackazouk*

- Led development of a syncing mechanism for 150 tables across 3 web apps using RESTful APIs for a finance system with 15,000+ users
- Led a project with 5 developers, mentoring based on individual career goals; commended by team and senior management
- Delivered an MVP in 10 days; surpassed KPIs and received high client praise
- Delivered 9 projects, played a key role in securing a company merger, and was recognized for combining technical insights with business goals

**Full Stack Developer (Contract)** <span style="float:right">Jun 2023 - Dec 2024</span>

*Cloudband Solutions*

- Restructured a multi-repo app involving significant updates to API endpoints, unit tests, and UX
- Designed 30+ wireframes & revamped 4 SPAs for responsiveness, cross-browser support, and accessibility

**Full Stack Developer/Research Assistant (Contract)** <span style="float:right">Jan 2023 - Jun 2023</span>

*Ateneo Laboratory for the Learning Sciences*

- Solely developed a web analytics dashboard & mobile app for research data collection
- Co-authored a paper presented at ICCE 2024 on trends in student emotions through experience sampling

## VOLUNTEERING

**Mentor - Graph Neural Networks** <span style="float:right">Sep 2023 - Jan 2024</span>

*Magnify Mentoring*

**Mentor - Introduction to Programming** <span style="float:right">May 2023 - Jun 2023</span>

*Ateneo Summer Programming Camp*

## AWARDS

**University Scholarly Work Award** <span style="float:right">May 2025</span>

*Ateneo de Manila University*

**Program Award, BS Computer Science** <span style="float:right">May 2024</span>

*Ateneo de Manila University*

**Grand Prize Winner, Google Code-in** <span style="float:right">Jan 2019</span>

*Google LLC & Catrobat*

## SKILLS

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|---|---|
| DS, ML, & AI | Python, PyTorch, Tableau, Natural language processing, Computer vision |
| Web Development | PHP, Laravel, TypeScript, React, Tailwind, UI/UX (Figma) |
| Others | SQL, Git, Linux/Bash, Docker, Postman, NGINX, Test-driven development, CI/CD |