Genesis M. Dumallay

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Objective

Aspiring Software Engineer, seeking an internship to apply technical skills and collaborate on impactful projects, and grow in an innovative work environment.

Education

FEU Institute of Technology   August 2021 - Present

BS Computer Science with Specialization in Software Engineering   Manila

- Association for Computing Machinery (ACM), Junior Officer of Logistics Committee [2022 – 2024]

Certifications & Skills

Certifications

- Information Technology Specialist in Java (2022)
- Information Technology Specialist in Python (2023)
- Cisco Networking Academy: Introduction to Networks (2023)
- Cisco Networking Academy: DevNet Associate (2024)

Technical Skills

- **Languages**: Python, Kotlin, C++, Java,
- **Web**: HTML, CSS, PHP, JavaScript, Next.js
- **Databases**: SQL, MySQL
- **Tools**: Git, GitHub, Firebase

Projects

- **GatherInManila: Harnessing Online Data for Event Discovery in Manila City**

  A Machine Learning Powered Event Aggregator and Recommendation Application

  Roles: Project Manager, Technical Lead, Backend Developer

  - Developed a machine learning-based recommendation system, utilizing Q-learning, and KNN with Cosine similarity in a content-based filtering approach to personalize event recommendations.
  - Led and managed a development team, overseeing all phases of the software development lifecycle to ensure successful project delivery.
  - Designed and implemented system architecture as technical lead.