

Mikhail Ezra Guiao

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EXPERIENCE

- Data Quality Analyst**, Citibank

Oct. 2025 – Present

 - Owned data remediation (onboarding) change requests end to end, from scope submission and FRD through deployment and post-release monitoring.
 - Served as primary liaison between stakeholder teams across APAC and NAM, reviewing change requests and running calls to resolve clarifications and drive approvals.
 - Coordinated UAT and test validation through Jira, tracking defects to production sign-off.
 - Automated data validation workflows using Stylus and AI prompts, reducing processing time by 92%.
 - Volunteered to migrate legacy systems to SharePoint, reducing retrieval time and streamlining data validation.
 - Won a firm-wide prompt engineering competition, building a business recommendation from a live case scenario and presenting to executive leadership as the sole Officer-level competitor among VPs.
- Software Engineer Intern**, Pointwest

July 2024 – Aug. 2024

 - Led UI/UX design and system architecture for an internal employee skills inventory platform, working with a 10-person engineering team; secured C-suite approval for company-wide adoption.
 - Built and optimized Angular and Bootstrap components, improving load time, consistency, and reliability.
- Data Analyst Intern**, HealthNow (Ayala Health)

July 2022 – Sept. 2022

 - Optimized data pipelines and standardized cross-company database integrations, improving data consistency, scalability, and analytics efficiency.
 - Analyzed 500K+ user profiles and transaction records using Pandas and MySQL, to shape audience targeting.
- Software Engineer Intern**, Bit Create

June 2022 – Aug. 2022

 - Developed and deployed client websites using Vue.js, focusing on responsive design and maintainability
 - Planned and Designed the UI/UX of a real estate website and handled its back-end services

EDUCATION

- Georgia Institute of Technology**

August 2026 – Expected 2028

Master of Science in Analytics (Data Science)
- University of the Philippines Diliman**

Sep. 2021 – July 2025

Bachelor of Science in Computer Science, cum laude
University Scholar

TECHNICAL SKILLS

- Languages:** Python, SQL, JavaScript, TypeScript, C
- Data & Analytics:** Pandas, NumPy, Power BI, Tableau, PostgreSQL, MySQL
- Web & Tools:** React, Next.js, Angular, Node.js, Django, Git, Vercel
- AI & Agentic Development:** Agent Orchestration, Context Management, AI Workflow Automation

PROJECTS

- PSEye** | *Next.js, TypeScript, Postgres (Neon), Vercel* | [pseye.site](#)

 - Built and shipped a live market intelligence platform serving 2,500 monthly visitors, covering 282 PSE-listed companies with a market map, portfolio and watchlist tracking, dividend history, and foreign fund flow.
 - Designed the daily ingestion pipeline and unified schema powering an automated market recap, standardizing inconsistent exchange data sources into a single queryable model.
- Flood Modeling & Visualization System** | *Python, NumPy, QGIS*

 - Built a geospatial flood simulation model as an undergraduate thesis under an NCTS-funded research initiative, applying shallow-water equations and RK2 numerical integration across multiple terrain scenarios.
 - Derived flood risk thresholds from rainfall and flow analysis, producing visualizations for disaster risk assessment.
- Bank Fraud Risk Scoring** | *Python, Pandas, Power BI*

 - Engineered a composite fraud risk score over 1M+ account applications, analyzing feature distributions and fraud rates to identify high-signal predictors.
 - Segmented applicants into risk tiers, isolating a 6.56% fraud rate in the top tier (roughly 6x the portfolio average), and surfaced results in an interactive dashboard.
- Ugnayan** | *React.js, Firebase, Bootstrap, TypeScript*

 - Led a 4-person Agile team to deliver a student-org matching platform, managing 8 sprints and client alignment.
 - Designed data models to support real-time application tracking across multiple organizations.