

An Huynh

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Education

- California Polytechnic State University, San Luis Obispo** *M.S. in Business Analytics* June 2025
- **Relevant Coursework:** Gen AI, Machine Learning, NPL, Cloud Computing, Econometrics, Data Visualization, Stats Prototyping, Data Structures & Mining
- California Polytechnic State University, San Luis Obispo** *B.S. in Psychology with Cognitive Neuroscience concentration* June 2024
- **Study Abroad:** Foundation for International Education, London, United Kingdom

Experience

- Agentic AI Operations Associate | Amazon - Artificial General Intelligence (AGI)** Jan 2026 - Present
- Prototype agentic AI solutions and deployed training models for business use case, targetting 96% quality targets for internal clients
 - Design empirical safety evaluations for LLMs, probing robustness under adversarial prompts, long-horizon tasks, and distribution shifts to identifying autonomy risks, contributing findings to workflow design and best practice architecture documentation
 - Diagnosed inaccuracies in agentic navigation of AWS cloud operations solutions, troubleshooting & correcting behavior to enable automated ITSM workflows & managed automation of AWS services supporting NOC and SRE environments
- AI Ops Solutions Architect | Information Systems Audit and Control Association (ISACA)** Sept 2025 - Jan 2026
- Built and deployed cloud-hosted agentic systems using Python, REST APIs, Azure, and AWS to orchestrate workflow solutions for 250+ professionals
 - Partnered with the Chief Information Security Officer to secure agent environments, implement governance and access controls, and maintain reliable containerized microservices across servers and virtual machines for implemented live demos, workshops, and whitepapers
- Data Solutions Analyst | Administration & Finance, Cal Poly SLO & Solano** Jan 2025 - Sept 2025
- Led data lifecycle management initiatives across 9 cross-functional teams, delivering architecture documentation, stewardship support, and operational insights dashboards (Power BI, Tableau, SQL) while engineering integration roadmaps & automating governance workflows with Python
 - Designed predictive models (95% cross-validated accuracy) and served as the organization's AI governance liaison, translating concepts such as model bias, drift, and AI integration roadmaps for executive leadership during a \$1B merger
- Generative AI Consultant | Claritas** Mar 2025 - June 2025
- Leveraged 15M+ data points to execute large-scale analytics projects with REST APIs, building ELT/ETL pipelines and AI/ML models with bias detection and drift monitoring to forecast customer behavior and support risk management in payment processing services
 - Applied advanced Generative AI techniques including vector similarity search, RAG architectures, and LLM prompt evaluation to streamline workflows and accelerate AI use case assessments in regulated financial environments within a fast paced monthly turnout period
- Data Scientist Consultant | F5 Inc** Jan 2025 - Mar 2025
- Developed ML models (TensorFlow, PyTorch, Scikit-learn) with 85%+ accuracy and delivered model explainability, interpretability, and fairness performance metrics for enterprise stakeholders
 - Engineered end-to-end automation workflows and cloud-based data pipelines (AWS, GCP) to analyze 100+ TB of unstructured data while ensuring scalable architecture and ethical compliance for AI applications
- Sales Management Intern | PepsiCo** Jun 2024 - Aug 2024
- Applied data-driven insights and lightweight automation to optimize operational workflows for 15 Fortune 500 enterprise accounts, improving in-stock rates and delivering a 4.2% revenue lift; partnering with Account Executives to drive adoption milestones
 - Collaborated cross-functionally with product, engineering, risk, and strategy teams, demonstrating ability to engage consultatively with technical stakeholders and integrate complex analytical insights into clear, actionable business outcome

Leadership & Certificates

- Data Engineering Advisor - UC San Diego, Skaggs School of Pharmacy & Pharmaceutical Sciences** Sept 2025 - Jan 2026
- Developed reproducible Python/R pipelines to identify multi-year trends in health outcomes using large-scale MEPS data for pharmaceutical doctors
- Hack4Impact - Executive National Director of Governance & Compliance** Jan 2024 - Dec 2024
- Directed compliance operations across 100+ local nonprofits and 18 chapters, streamlining workflows & increasing partnerships by 11%

Technical Skills

AWS Certified Cloud Practitioner (March 2025 - 2028) **AWS Certified Solutions Architect - Associate** (In progress: March 2026 - 2029)

Languages: Python, R, SQL, JavaScript, MATLAB **Cloud Services:** AWS, Azure, GCP, Google BigQuery, Snowflake, Databricks, Docker

AI/ML & Data Science Tools: SageMaker, Bedrock, Amazon Q, Rekognition, RDS, Aurora, Redshift, S3, DynamoDB, IAM, KMS, GuardDuty

Business & Analytics Tools: Power BI, Tableau, Looker, Microsoft Office Suite, Excel, PowerPoint, HubSpot, Google Analytics, Oracle, SAP