

Nicholas Osaka  
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EDUCATION & CERTIFICATIONS

M.A.	Ethics and Applied Philosophy, University of North Carolina at Charlotte	2024
	Thesis: <i>Hermeneutical Dilution in Large Language Models: Epistemic Injustice, Language, and Statistics</i>	
B.S.	Computer Science ( <i>summa cum laude</i> ) with a minor in Mathematics, Univ. of North Carolina at Charlotte	2022
B.A.	Philosophy ( <i>summa cum laude</i> ), University of North Carolina at Charlotte	2022

Amazon Web Services Certified Cloud Practitioner (CLF-C02), verification upon request.  
HashiCorp Terraform Associate (HCTA0-003), verification upon request.

SKILLS

*Infrastructure (Cloud):* AWS EMR, EC2, ECS, S3, IAM, VPC, Lambda, KMS.  
*Platform Engineering:* Terraform, Ansible, CI/CD, Linux Administration, Docker, Splunk, Dynatrace.  
*Data Engineering:* Python, SQL, Tableau, Git, Bash, Hadoop, Spark, Data Warehousing.  
*Architecture:* Highly-available patterns, Event-driven architecture, Semantic modeling, Research and conference experience.

PROFESSIONAL EXPERIENCE

<b>Data Platform Engineer</b>	Aug 2024 – Present
<i>The Hartford</i>	
<ul style="list-style-type: none"><li>– Leading disaster recovery initiative (testing and internal certification) for our big data platform ecosystem (Amazon EMR and EC2).</li><li>– Platform engineer for a big data processing ecosystem consisting of 2+ 45 node AWS EMR clusters running continuously, on-demand transient clusters, and 28 edge node Linux EC2 instances serving over 1500 users across 350 unique applications.</li><li>– Managing a team of 4 interns, providing guidance for an observability &amp; monitoring project via Dynatrace and Splunk that supports 3 teams.</li><li>– Mentoring and providing training to an associate-level team member on a 1 year rotation through our team.</li></ul>	
<b>Data Platform Engineer (Rotation, 1 year)</b>	Aug 2023 – Aug 2024
<i>The Hartford</i>	
<ul style="list-style-type: none"><li>– Collaborated in implementing an Enterprise Data Services-wide Financial Operations Analytics System, which tracks over \$5M of cloud spend across 1,200 departments at 1/1000th of a dollar level accuracy per year.</li><li>– Assisted in enabling Elastic MapReduce Serverless functionality for all LOBs. Estimates place ~50% reduction in job run time and ~30-40% reduction in compute spend.</li><li>– Identified and remidiated issue with YARN job reporting that caused underreporting by ~40%. This was critical to ensure validity of reporting data which informs platform investment.</li><li>– Overhauled issue creation workflow, estimated to eliminate time spent on gathering additional information on ~20-30% of issue tickets.</li></ul>	
<b>Solutions Architect (Rotation, 1 year)</b>	Aug 2022 – Aug 2023
<i>The Hartford</i>	
<ul style="list-style-type: none"><li>– Supported senior architects with creation of cloud architectural patterns for the Group Benefits organization’s cloud journey.</li><li>– Drafted architectural artifacts and deliverables through collaboration with architects and technical leads.</li><li>– Led fact-finding and feature-definition meetings with key business and technical stakeholders to ensure deliverables pointed to appropriate solution for the business.</li></ul>	

- As part of the GB Integration Team, provided architectural designs to enhance existing Medical Underwriting application to integrate internal services with the Pega Cloud platform, OpenText Documentum, and Snowflake.

**ECLDP Tech & Data Intern**

May 2021 – Aug 2021

*The Hartford*

- Built a portfolio management intake system for the Enterprise Data Office estimated to save the effort of 1/3 FTE per year with three other interns.
- Led meetings with various stakeholders to identify best approaches for architecture, deployment, and access control.
- Integrated analytics with Tableau Dashboard for the team to identify blockers and high priority items.

**SPECIAL PROJECTS**

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**AI Ethics Advisor**

Nov 2023 – May 2024

*AI 2030, Encode Justice*

- Provided feedback and policy suggestions on preliminary drafts of Encode Justice's AI 2030 policy platform.
- Identified key signatories in the ethics and AI ethics disciplines to garner support.
- Final published platform has been featured in CNN, Fortune, TIME, South China Morning Post, and the Washington Post.

**Orientation Lead**

Sept 2023 – Aug 2024

*Leadership Development Program Internship Experience Team*

- Designed and prepared three days of orientation programming for 16 interns across two locations for the LDP summer internship.
- Collaborated with other internal technology learning programs to identify cross-learning opportunities for interns during orientation.
- Coordinating with key stakeholders to ensure interns receive the orientation materials required to succeed in their summer at The Hartford.

**Charlotte Leadership Development Program Employee Engagement Lead**

Dec 2023 – Oct 2024

*Leadership Development Program Employee Engagement Team*

- Lead employee engagement initiatives for Charlotte based LDP team members, collaborating with non-LDP workplace events to deliver the best value for our team members.
- Organize quarterly outings to build team culture and foster sense of belonging for all members.

**Engagement Lead**

Sept 2022 – Sept 2023

*Leadership Development Program Internship Experience Team*

- Created 10 weeks of employee engagement content for 19 interns (with remote and hybrid work arrangements) with an overall survey rating of 94%.
- Delivered on executing over 20 unique events (including multi-site volunteering opportunities) for interns which all drove key workplace competencies in line with The Hartford's work culture.