Nicholas **Osaka**

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Education

University of North Carolina at Charlotte   *Charlotte, NC*

MASTER OF ARTS IN ETHICS AND APPLIED PHILOSOPHY   *May 2024*

- Cumulative GPA: 4.0
- Area of study: feminist philosophy, social epistemology, social and political philosophy, ethical theory, disability theory

University of North Carolina at Charlotte   *Charlotte, NC*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, BACHELOR OF ARTS IN PHILOSOPHY   *May 2022*

- Cumulative GPA: 4.0
- Concentration: Artificial Intelligence
- Minor: Mathematics
- Chancellors List: All semesters
- Phi Kappa Phi Honor Society

Experience

Tech, Data & Analytics Leadership Development Program Associate   *Charlotte, NC*

THE HARTFORD   *July 2022 - Present*

- 2-3 year program where program associate rotates through different roles on 6 or 12 month intervals.
- Develops comprehensive understanding of business practices and technical integration
- Curates early career experience based on professional interest and target career path
- Current rotation: Solutions Architect, 12 month rotation
- As a solution architect: applied architectural patterns in conversation with business and technical stakeholders to deliver designs for cloud transformation project.

Teaching Assistant   *Charlotte, NC*

UNC CHARLOTTE DEPARTMENT OF COMPUTER SCIENCE   *January 2019 - May 2022*

- Experienced teaching assistant:
    - Intro to Computer Science 1 (ITSC 1212, S'19 — S'20)
    - Software Engineering (ITSC 3155, F'20 — S'21)
    - Intro to Natural Language Processing (ITCS 4111, F'21)
    - Intro to Data Mining (ITCS 3163, S'22)
- Facilitated discussions on course-related concepts.
- Held regular office hours and review sessions to enhance course delivery.
- Proactively analyzed course statistics to address problem areas early.
- Acted as lead TA for a team of 3 TAs for two semesters (F'20, S'21).

Technology & Data Intern — Leadership Development Program   *Hartford, CT*

THE HARTFORD   *May 2021 - August 2021*

- Interned remotely in the Leadership Development Program Ops, Tech, Data & Analytics track.
- Built a portfolio management intake tool for the Enterprise Data Office estimated to save over $30k a year with three other interns.
- Led multiple meetings with different teams in order to identify best approach for architecture, deployment, and access control.
- Developed teamworking and leadership skills while working in a remote environment.
- Application included Node.js front and back ends, with an Express.js RESTful API layer which manages data exchange to database.
- Analytics were integrated using Tableau for a Director to identify blockers and advance business initiatives.

Motion Graphic Designer   *Charlotte, NC*

THE LITTLEFIELD COMPANY   *April 2018 - May 2020*

- Designed motion graphic content for projects requiring displays of complex data.
- Translated clients quantitative needs into creative goals for projects.
- Interacted with clients to deliver final design under anticipated deadlines.
- Designed project asset organizational scheme for use in all company projects with motion graphics.

Peer-Reviewed Conference Papers

2022   "Japanese Ethical Philosophy and Algorithm Design" at Southern Appalachian Undergraduate Philosophy Conference, April 2022.

Research

Research Assistant — Augmented Reality and Machine Learning for Medical Use

Charlotte, NC

UNC Charlotte, Autonomous Intelligent Wireless Networked Systems Laboratory — Dr. Pu Wang

August 2021 - February 2022

- Continued system design research for use in medical industry.
- Led development team in testing methodologies for approaching problem domain.
- Developed REST API for computer vision pipeline utilizing FaceNet, YOLOv5, and Tesseract for inference on images from smart glasses.

NSF REU Research Project — Community Oversight for Privacy and Security

Charlotte, NC

UNC Charlotte, CO-oPS Project — Dr. Heather Lipford

May 2020 - August 2020

- Designed and developed an Android mobile application with research intent.
- Implemented modern Android development practices with MVVM architecture and NoSQL databases.
- Participated in weekly meetings to discuss research objectives and create solutions to challenging obstacles.
- Developed experience in Android, Kotlin, Firebase, and Room.

Undergraduate Capstone — Augmented Reality and Machine Learning for Medical Use

Charlotte, NC

UNC Charlotte, Autonomous Intelligent Wireless Networked Systems Laboratory — Dr. Pu Wang

December 2019 - May 2020

- Designed system for use in critical professions such as the medical industry.
- Utilized EPSON MOVERIO smart glasses in conjunction with Tensorflow Lite and other related technologies for user-inspired research in possible solutions for cognitive overload in error-critical professions.

Projects

Campaign Website and IT Services Migration

Charlotte, NC

The Committee to Elect Ken McCool

July 2021 - August 2021

- Volunteered to create new campaign website and migrate IT services to new provider.
- Implemented website using server-side static generation with headless CMS to enable reliable delivery on mobile devices for press releases and other campaign content.
- Managed roll-over to Google Workspace environment and handled enrollment in multi-factor authentication processes.
- Technologies used: Next.js, Vercel Hosting, Sanity CMS, Typescript, and Google Workspace.

Organizations

Treasurer

Charlotte, NC

Philosophical Union of UNC Charlotte

August 2022 - Present

- Ensured graduate student organization members maintained financial aid eligibility for conference travel.
- Coordinates with university representatives and external vendors for annual graduate student conference.
- Create detailed plans for financial proceedings over term.

Vice President

Charlotte, NC

Amnesty International at UNC Charlotte

August 2021 - December 2022

- Organizing internal documents and keeping detailed records of organization activities.
- Coordinating between other officers with respect to needs and solutions.
- Create detailed meeting minutes for future reference.

President

Charlotte, NC

Club for Artificial Intelligence Research

September 2021 - May 2022

- Leading academic-oriented student organization with over 100 registered members.
- Re-imagining organization initiatives and goals.
- Integrating student organization with various academic organizations associated with UNC Charlotte.

Professional Memberships

Society for Phenomenology and Existential Philosophy   *2021 - Present*

American Society for Engineering Education   *2020 - Present*

Certifications

2022	**AWS Certified Cloud Practitioner**, Credential verification available on request	*AWS*
2021	**Engineering: Responsible Conduct of Research**, Credential ID 41647235	*CITI Program*
2021	**Social and Behavioral Sciences: Responsible Conduct of Research**, Credential ID 41647234	*CITI Program*
2020	**IRB Members: Basic Course**, Credential ID 38222534	*CITI Program*

Honors

| 2020 | **Atkins Library Undergraduate Research Award,** Office of Undergraduate Research | *UNC Charlotte* |
| 2019 | **Student Marshal,** Selected based on academic performance | *UNC Charlotte* |