

Yeeva Cheng

yeevacheng.com • Chapel Hill, NC • [LinkedIn](#)

EDUCATION

University of North Carolina at Chapel Hill

Educational Innovation, Technology and Entrepreneurship, M.A.

Chapel Hill, NC

Expected July 2022

- Moise Khayrallah Fellowship Recipient; Learning Engineer Track
- Related Skills: computer programming (Python); backwards design & design thinking; logic models

Harvard Graduate School of Education (HGSE)

International Education Policy, Ed.M.

Cambridge, MA

May 2021

- Quantitative Skills: data visualization & data wrangling in R; measurement tools & theory of change design

Davidson College

Anthropology, B.A.; concentration in East Asian Studies

Davidson, NC

May 2015

- Skills: interview design, IRB process/submission, proposals, GIS mapping, visual Anthropology
- Academic honors: John M. Belk Scholarship Recipient; Franz Boas Award

PROJECTS & COURSEWORK

Learning Analytics

Course, UNC Chapel Hill

Chapel Hill, NC

Jan 2022-present

- Proposed data log integration for Carnegie Mellon University's Computer Science Academy intelligent tutoring system to optimize help-seeking behaviors using trace data and coded learning events
- Used metadata to visualize data and prototype integration that improves Blackboard's Discussion Analysis feature, recommending shift from visualizing critical thinking levels to self-regulated learning (SRL) metrics

Instructional Strategies for Teaching & Learning in Digital Contexts

Course, UNC Chapel Hill

Chapel Hill, NC

Jan 2022-present

- Used instructional design principles and learning theory to build learning environment features for products including menstrual health management education module in Canvas and video of support on SRL skills
- Studied topics including IMS Caliper standards, Universal Design for Learning framework, multimedia learning principles, effective learning strategies, cognitive load theory, scaffolding

Adaptive and Personalized Learning

Course, UNC Chapel Hill

Chapel Hill, NC

Aug-Dec 2021

- Conceptualized theory into components as defined by logic model in experimental design of writing curriculum for first-generation college-going students
- Designed set of instructional objectives, materials, assessments and demonstrated potential learning paths and their outcomes using Canvas and Qualtrics

Advanced Statistical Methods for Applied Educational Research

Course, HGSE

Cambridge, MA

Aug 2020-May 2021

- Collaborated and presented 4 studies using multiple linear regression from large datasets including World Values Survey, Implicit Association Test, Stanford Education Data Archive
- Practiced and applied advanced statistical techniques and topics including multi-level modeling, random and fixed effects, survival analysis, inter-rater reliability, principal components analysis
- Co-wrote 6 data analytic memos replicating education research studies (ex: Dynarski's diff-in-diff approach to causal inference, MOOCs CS attrition rate stop-gap model) and scripting data models and visualization

WORK EXPERIENCE

Population Council, Social & Behavioral Science Research Dept.

GIRL Center, Research Assistant/Paid Intern

New York, New York (remote)

July 2021-present

- Assembled onboarding learning materials for 10 interns to provide background on systematic review project and Covidence screening and platform

- Mapped indicators from longitudinal questionnaires on adolescent health and education to probe for causal inference and bi-directional relationships in dimensions including empowerment (self-efficacy, marital practices, decision-making, gender-based violence) and digital access
- Authored first set of research briefs and insights, assisted with manuscript preparation, communicated and diagrammed methodological process and research findings for practitioner audiences
- Built database and user tested for Adolescent Atlas for Action (A3), a data visualization tool tracking 56 policies in 113 low-and-middle-income countries to inform donor decisions
- Completed the A3 codebook of policies, definitions, decision-making system, and relevance to SDGs

Center for Global Development

Washington, DC

Research Intern

Jan-March 2021

- Produced two memos identifying key trends in international aid and Sustainable Development Goals' (SDGs) impact in girls' education in low-and-middle-income countries (LMICs) over the past 20 years
- Co-constructed database organizing project interventions, beneficiaries, multi-dimensional indicators, budget allocations through qualitative research of 155 World Bank, 35 FCDO project appraisal documents
- Co-presented to CGD team, analyzing funding gaps in girl-centered and evaluating equity-oriented interventions (particularly for rural, low-income, minority/ethnic girls in LMICs)

Jiaying University

Meizhou, Guangdong, China

English Instructor

August 2018-August 2020

- Instructed 1,375 college first-year students in basic oral English skills in the Foreign Language and General Education departments
- Integrated technology in sophomore writing courses geared for women (primarily from rural backgrounds) to stimulate career-readiness awareness through teaching portfolio-building in WordPress
- Contributed to university professional development projects by preparing 20 faculty members with basic English skills for further training abroad

Communities in Schools of Charlotte-Mecklenburg (CIS)

Charlotte, NC

Community Engagement & Volunteer Associate, Development Team

April 2017-August 2018

- Leveraged maps, data and storytelling to co-pitch with CIS President and CEO and secured funding and partnerships for city-wide All In For Social Capital initiative; expanded team with two full-time team members
- Strategized with CIS's Data and Evaluation team and consultant to build and deliver a new mentoring curriculum responsive to Charlotte's ranking in Chetty's Equality of Opportunity study
- Trained 60 mentors and surveyed mentor experiences at 14 Charlotte-Mecklenburg schools using equity-focused curricula, introducing topics on implicit bias, resegregation and WOOP mental contrasting method
- Managed CIS Success Coach program budget and contributed to grant proposal writing

Watson Foundation

Austria, Indonesia, Malaysia, Mauritius

Thomas J. Watson Fellowship Recipient

July 2015-August 2016

- Managed one-year grant for purposeful, independent project, under the condition of a no-return policy to the US or any countries previously inhabited or contact with personal networks
- Conducted interviews and participant observation to investigate girls' and women's experiences in marriage practices, educational trajectories, migration
- Dovetailed ethnographic research with digital storytelling to publish stories (with consent) on blog

AWARDS, CONFERENCES, WRITING

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- Published chapter in *Leading Education Through Covid-19*, edited by Fernando Reimers **2020**
 - Southern Anthropological Society Annual Meeting, Honorable Mention **2015**
 - Association for Asian Studies Conference, paper presentation **2014**

SKILLS

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- **Tools:** RStudio (tidyr, ggplot2, dplyr, e1071), PyCharm, ArcGIS, Zotero, Adobe Premiere Pro, WordPress, Wix, Microsoft Office Suite, Qualtrics, Canvas LMS
 - **Languages:** Basic Spanish, Intermediate/Advanced Mandarin, Basic/Intermediate Hakka