

Peixian Wang

Curriculum Vitae

+1-323-942-9374
peixian [at] malloc.dog
malloc.dog
peixian

Educational Background

2020
2023

MA Near Eastern Studies, *Hagop Kevorkian Center for Near Eastern Studies*, New York University, New York, New York

2012
2016

BSc Astronomy, *College of Liberal Arts and Sciences*, University of Illinois, Urbana-Champaign, Illinois

Research Interests

Anthropology

- Religious rituals of Shia in Iraq
- Memory of tragedy and reproduction of tradition

Linguistics

- Creolization
- Identity construction and differentiation between dialects

Professional Experience

2022

Senior Software Engineer, *Sleeper*, Remote, sleeper.com/company

Working on building sports betting and backend applications.

2018
2022

Senior Software Engineer, *Bloomberg LP*, NYC, bloomberg.com/company

Working on intent classification on the NLP team within the AI group. Previously worked on petroleum markets and multi-asset risk.

2018
2018

Golang Developer, *Datadog*, NYC, datadoghq.com/about

Built data ingestion services for Amazon Web Services, Google Cloud Platform, and Microsoft Azure.

2016
2018

Backend Engineer, *Vimeo*, NYC, vimeo.com/about

Wrote and maintained Python video delivery pipeline.

Consulting Experience

2018

Consultant, *Tokamak Software LLC*, Remote, tokamak.io

Running a software consultancy for distributed systems and natural language processing.

2018

Expert Interviewer, *Karat*, Remote, karat.io

Providing technical interviewing services.

2021
2022

Consultant, *United Nations, Department of Peacekeeping and Political Affairs*, Remote, dppa.un.org/en

Served as a technical consultant on a Natural Language Processing project related to gender sensitive language within DPPA.

2018
2018

Contract Developer, *IPInfo*, Remote, ipinfo.io
Built out Airflow backend for distributed processing.

Projects

Published Work

2022

Annual Civilian Harm Report, 2021

Contributed to assessments for civilian casualties for 2021:
(airwars.org/report/annual-report-for-2021)

2021

Libya Civilian Casualty Assessment

Contributed to assessments on civilian casualties in Libya:
(airwars.org/news-and-investigations/ten-years-after-libyan-revolution-vict)

Languages

Mandarin	Native
English	Native
Modern Standard Arabic	Intermediate
Iraqi Arabic	Advanced

Skills

Programming Languages	Elixir, Erlang, C++, Python, R, Julia, C, Go
Software	Distributed systems, software reliability, formal methods
Statistics	Monte Carlo simulation, historical simulation, etc
Natural Language Processing	Deep learning, intent classification
Finance and Economics	Petrochemical markets, multi-asset risk systems

Volunteering

2021

Assessor, *Airwars*, Remote, airwars.org

Verifying and assessing civilian casualty counts from airstrikes.

2020

2022

Volunteer, *ITDRC*, NYC, itdrc.org

Volunteering with setting up network and internet connections for communities during disasters.

2018
2019

Tutor, *New York Cares*, NYC, newyorkcares.org

Tutored students in the PSAT and tutored adults in English for citizenship applications.

2014
2015

Organizer, *HackIllinois*, University of Illinois, hackillinois.org

Helped to organize first hackathon with the Computer Science Department.

Organizer, *Reflections—Projections Conference*, University of Illinois, reflectionsprojections.org

Helped to find speakers, organize travel, and general staffing of the largest student-run technology conference in the Midwest.

Affiliations

Professional

Association for Computational Linguistics (aclweb.org/portal/)

Apache Software Foundation (apache.org/foundation)

Wilderness First Responder, NOLS (nols.edu/en)

References

Available on request.