CHRISTINE YING YANG

CONTACT

✉ cyang1999@gmail.com

📞 +49 152 59600573

🔗 yingyangle.github.io

in linkedin.com/in/yingyangle

SKILLS

HUMAN LANGUAGES

English (native)
Mandarin Chinese (fluent)
German (intermediate)
Latin (intermediate)

PROGRAMMING LANGUAGES

Python
Javascript
HTML
CSS
SQL

TOOLS & TECHNOLOGIES

Unix
Git
AWS
Flask
JQuery
D3.js
Tableau
Adobe InDesign
Figma

INTERESTS

Data Visualization
UI/UX Design
Language Exchange
Tutoring
Piano
Mythology
Skiing
Escape Rooms

WORK EXPERIENCE

Data Visualization Developer
Reflective Educational Research

Jan. 2021 - present
Remote

- Built customizable and filterable dashboard visualizations from scratch using Javascript, D3, Flask, AWS RDS, EC2, and S3 to investigate the impact of technology on K-12 schools
- Developed features such as a login system, ability to update dashboard through file upload, options for comparing school data to global average, etc.

Teaching Assistant
Katholische Universität Eichstätt-Ingolstadt

Sep. 2021 – present
Eichstätt, Germany

- Taught 6 weekly class hours to university students from a diverse set of backgrounds

Research Associate
Boston College, Dept. of Computer Science

Sep. 2018 - Sep. 2021
Chestnut Hill, MA

- Trained word embedding models and deep learning models using keras, genism, and BERT for classification and prediction tasks to research the language of people with autism and dementia
- Analyzed data to study differences between subject groups and published multiple papers summarizing our findings
- Defined research schemas for labeling pragmatic data features and trained new research assistants on relevant tools and procedures

Data Science Intern
Lotus Project

Jun. 2020 - Aug. 2020
Remote

- Collaborated with an international team to develop a map dashboard visualizing potential for economic development in a given location using a calculated index
- Built dashboard using Javascript, Flask, Google Maps API, Google Charts API, AWS DynamoDB, and EC2

EDUCATION

Boston College
B.A. in Computer Science & Linguistics

Aug. 2017 - May 2021
Chestnut Hill, MA

- *GPA*: 3.93 / 4.0
- *Honors*: Phi Beta Kappa, Dean's Scholar Award, Sophomore Scholar Award, Advanced Study Grant, National Latin Exam Scholarship
- *Activities*: Screaming Eagles Marching Band, Pep Band, Student Committee Lead for CS Faculty Interviews, CS Teaching Assistant, Conversation Partners Program

Linguistic Society of America Summer Institute

Jun. 2019 – Jul. 2019

Bishop Guertin High School

Aug. 2013 – Jun. 2017