

Christine Ying Yang

cyang1999@gmail.com • (603)-438-5199 • yingyangle.github.io

EDUCATION

Boston College | Chestnut Hill, MA

Aug. 2017 – May 2021

B.A., Computer Science & Linguistics,

GPA 3.92

- *Honors:* Phi Beta Kappa, Dean's Scholar Award, Sophomore Scholar Award, Advanced Study Grant Recipient
- *Relevant Coursework:* Algorithms, Data Structures, Machine Learning, Data Visualization, NLP
- *Activities:* Screaming Eagles Marching Band, Pep Band, Conversation Partners Program, Band Mentorship Program, BC Computer Science Society Mentorship Program

Linguistic Society of America Summer Institute 2019 | Davis, CA

Jun. 2019 – Jul. 2019

Bishop Guertin High School | Nashua, NH

Aug. 2013 – May 2017

WORK EXPERIENCE

Undergraduate Research Assistant

Sep. 2018 – present

Boston College Department of Computer Science | Chestnut Hill, MA

- Contributed to a several projects dealing with the language of adults with autism and dementia
- Analyzed lexical data from semantic fluency tasks utilizing word embedding models
- Scraped domain-specific data from Wikipedia and trained new models on corpus
- Conducted statistical analyses to investigate the speech features of adults with and without autism
- Trained new research assistants on relevant tools, technologies, and procedures

Data Science Intern

Jun. 2020 – Aug. 2020

Lotus Project | London, England (remote)

- Built an interactive web dashboard to visualize a data metric representing a location's potential for economic development and growth
- Designed and developed dashboard using HTML, CSS, JavaScript, and Flask, and created data visualizations using Google Maps and Google Charts APIs
- Utilized AWS services such as DynamoDB and EC2 to store data and deploy application

Applied Linguistics Intern

Jun. 2019 – Aug. 2019

Ethnic Technologies | South Hackensack, NJ

- Analyzed large datasets of first and last names to determine ethnicity and gender, using MySQL and Excel
- Identified morphological patterns within data sets and designed rules to be incorporated into a predictive software product

Service Technician Intern

Jun. 2018 – Aug. 2018

FLIR Systems | Nashua, NH

- Evaluated issues with thermographic cameras and performed camera repairs and calibration
- Cooperated with coworkers to decrease turnaround time by over 30% in under three months
- Increased efficiency and accuracy of calibration certification by writing a more productive Excel file

SKILLS

Human Languages: English, Mandarin, German, Latin, Attic Greek

Programming Languages: Python, JavaScript, C, Java, HTML, CSS, SQL, OCaml

Tools & Technologies: Unix, GitHub, LaTeX, Praat

Other Skills: Research, Problem Solving, Data Analysis, Organization, Resourcefulness

Certifications: CITI Social & Behavioral Research

Interests: Music, Mythology, Language Learning, Skiing, Escape Rooms

PUBLICATIONS

Yang, Christine, et al. "Toward Characterizing the Language of Adults with Autism in Collaborative Discourse." LREC 2020 Language Resources and Evaluation Conference 11-16 May 2020. 2020.