Christine Ying Yang

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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*: Data Visualization, Machine Learning, NLP, Algorithms, Data Structures
- *Activities*: Screaming Eagles Marching Band, Pep Band, Band Mentorship Program, BC Computer Science Society Mentorship Program, CS Faculty Interview Student Committee Lead

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

Data Science Associate   **Jan. 2021 – present**
Boston College Lynch School of Education   *Chestnut Hill, MA*
- Contributed to project investigating the impact of technology on K-12 schools in Singapore
- Created interactive dashboard visualizations of survey results using d3, Flask, and AWS RDS and EC2

Undergraduate Research Assistant   **Sep. 2018 – present**
Boston College Department of Computer Science   *Chestnut Hill, MA*
- Contributed to multiple projects investigating the language of adults with autism and dementia
- Trained and utilized various word embedding models and deep learning models using keras, genism, and BERT
- Conducted statistical analyses on results to analyze linguistic differences between subject groups
- Trained new research assistants on relevant tools, technologies, and procedures

Data Science Intern   **Jun. 2020 – Aug. 2020**
Lotus Project   *London, England (remote)*
- Built interactive web dashboard to visualize potential for economic development and growth around the world
- Designed and developed dashboard using JavaScript, Flask, and Google Maps and Google Charts APIs
- Utilized AWS DynamoDB and EC2 to store data and deploy application

Applied Linguistics Intern   **May 2019 – Aug. 2019**
Ethnic Technologies   *South Hackensack, NJ*
- Contributed research to a software product which predicts the ethnicity and gender given a name
- Analyzed large datasets of first and last names using MySQL and Excel to determine ethnicity and gender
- Identified morphological patterns within datasets and designed predictive rules

Service Technician Intern   **Jun. 2018 – Aug. 2018**
FLIR Systems   *Nashua, NH*
- Evaluated issues with thermographic cameras and performed camera repairs and calibration
- Collaborated with fellow interns to decrease turnaround time by over 30% in under 3 months

SKILLS

Human Languages: English, Mandarin, German, Latin, Attic Greek
Programming Languages: Python, JavaScript, SQL, Java, C, HTML, CSS, OCaml
Tools & Technologies: Unix, Git, D3, Tableau, Vega Lite, Adobe InDesign, LaTeX , Praat
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.