Chen yanjin

Email: yc2kg@virginia.edu
Phone: 434-466-7937

Education Background

University of Virginia Charlottesville, Va   **Expected Spring 2023**

Bachelor of Arts in Computer Science
GPA: 3.95/4.0

Research Experience

Research in predicting Cardiac resynchronization therapy results in patients

Student and Researcher

2022.04-present

- Developed LASSO logistic regression model for identifying responders and non-responders after Cardiac resynchronization therapy
- Advised by professor Stefan Bekiranov at UVA and collaborated with UVA School of Medicine

Research in Security Research Group

Student and Researcher

2022.04-present

- Studied distribution privacy in machine learning tasks, helping out PhD student designing distribution inference attacks and defenses
- Developing synthetic datasets for analysis on intrinsic dataset properties and its effect on privacy leaking
- Paper under submission for SaTML conference, advised by professor David Evans at UVA and funded under NSF grant

Online research in Natural Language Processing

Student and Researcher

2021.08-2022.01

- Online advanced natural language processing course with professor Lucia Specia from London Imperial College
- Led a group of four students and developed a regression model to assess Humor in Edited News Headlines
- Paper accepted by ICCRD conference as the first author
  Title: Refining Word Embeddings for Funniness Predicting Sentimental Analysis Tasks (2022)

Online literature research in Letteri Lab

Research assistant

2020.07-2021.07

- Independent research course with professor Rachel Letteri in chemical engineering
- Studied and gave presentations on a microparticle engineering project

Teaching Experience

Teaching Assistant for Algorithms and Data Structure II

2022 spring - present

- Holding weekly office hours and discussion sections, grading programming assignments and exams

Non-academic Job Experience

Software development engineer at UVA Development Hub

2021.05-2022.01

- Designed slider features and maintained backend datasets for website maintenance of NCAA basketball game

Volunteer at UVA OISHI lab in Department of Psychology

2021.05-2022.01

- Assisted PhD students in UVA OISHI lab creating python webpage crawlers of course evaluation websites for measuring concept engagement via word embeddings in texts

Interests and Skills

Programming skills: Python, Java, C++, C and some R
Extracurricular: Ballet amateur in UVA ballet club |
Proficient in Chinese and English, fluent in French and Japanese|
Co-founder of a Japanese language official account on WeChat|