

## Ziru “Ron” Chen

chen.8336@osu.edu | (614) 282-7561  
web.cse.ohio-state.edu/~chen.8336/ | Columbus, OH 43210

### EDUCATION

**The Ohio State University**, Columbus, OH  
**Bachelor of Science in Computer and Information Science**  
Specialization: Artificial Intelligence; Mathematics Minor  
**Dean’s List**, College of Arts and Sciences (4 semesters)

Expected: May 2022  
**GPA 4.0 / 4.0**

### PROFESSIONAL EXPERIENCE

**Undergraduate Research Assistant**, OSU

Dec 2020 – Present

- Advisor: Dr. *Huan Sun*
- Research Topics: Text-to-SQL, NLP for Programming, Computer Assisted Programming

**Student Instructional Assistant**, OSU

Aug 2019 – May 2020; Sep – Dec 2020

- *CSE 2321 Foundations I: Discrete Structures* (AU19; SP20; AU20)
- Answered students’ questions, graded weekly homework submissions, and wrote solutions
- Managed classes of 40 students and coordinated with students and professors

### PROJECT EXPERIENCE

**Counts and Measurements in Scientific Texts**

Sep – Dec 2020

- Coordinate a group of three to work on a new dataset at SemEval 2021 Task 8
- Conduct analysis for three frequent features and patterns within released textual data
- Implement a deep learning model with BERT for proposed Named Entity Recognition tasks

**Audience Evaluation App**

Nov 2020 – Dec 2020

- Led a four-person team to implement a web application with Ruby on Rails
- Developed a course management app like Canvas to collect feedbacks for presentations

### QUALIFICATIONS & SKILLS

**Coursework:**

- *Speech and Language Processing*
- *Machine Learning (SP21)*
- *Introduction to Cognitive Science (SP21)*
- *Automata and Formal Languages*
- *Data Structures and Algorithm*
- *Introduction to Artificial Intelligence*

**Professional Skills:**

- Programming Languages: *Python, C, Java, MATLAB, Ruby, JavaScript*
- **ML / DL Toolkits:** *Numpy, Pytorch, Tensorflow, Pandas, Matplotlib, Sklearn, NLTK*
- Coursera Certifications: *Applied Data Science, Math for Machine Learning*
- Other Computer Science Skills: *Linux, Git, HTML and CSS, LaTeX, Ruby on Rails*

**Software:**

- *Eclipse, Jupyter Notebook, Google Colab, Microsoft Office, iWork, TeXstudio, Slack*

**Languages:**

- *Chinese (Native), English (Proficient), Japanese (Moderate; JLPT N2), Korean (Elementary)*

### STUDENT ACTIVITIES

**Secretary**, CSE/CIS Peer Mentors

Aug 2019 – Present

- Manage an organization of 30 people and motivate new peer mentors
- Design and maintain organization website and mentor profiles
- Volunteer to assist transitions of first-semester students in person or online
- Present and share personal experiences for helping freshmen to plan college life

**Active Member**, Chinese Students and Scholars Society

Sep 2018 – Dec 2020

- Attended meetings regularly to plan future events with other members
- Hosted a subject table and presented to introduce Computer Science at Chinese Freshmen Welcome Party
- Volunteered at events with more than 500 participants, including Mid-Autumn Festival Carnival and OSU Homecoming Parade