

# Ziru “Ron” Chen

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EDUCATION	<b>The Ohio State University</b> , Columbus, OH <b>Bachelor of Science in Computer and Information Science</b> Specialization: Artificial Intelligence; Mathematics Minor	Expected: May 2022 <b>GPA 4.0 / 4.0</b>
PROFESSIONAL EXPERIENCE	<b>Undergraduate Research Assistant</b> , OSU - Advisor: Dr. <i>Huan Sun</i> - Interests: Natural Language Processing, Machine Learning, Algorithm / Theory of Computation - Research Topics: Text-to-SQL, NLP for Programming, Computer Assisted Programming  <b>Student Instructional Assistant</b> , OSU - <i>CSE 2321 Foundations I: Discrete Structures</i> (AU19; SP20; AU20) - Answered students’ questions, graded weekly homework submissions, and wrote solutions - Managed classes of 40 students and coordinated with students and professors	Dec 2020 – Present  Aug 2019 – May 2020; Sep – Dec 2020
PROJECT EXPERIENCE	<b>Counts and Measurements in Scientific Texts</b> - 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 two deep learning models with BERT for proposed Named Entity Recognition tasks  <b>Audience Evaluation App</b> - 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	Sep 2020 – Present  Nov 2020 – Dec 2020
QUALIFICATIONS & SKILLS	<b>Coursework:</b> - <i>Speech and Language Processing</i> - <i>Machine Learning (SP21)</i> - <i>Introduction to Cognitive Science (SP21)</i> <b>Professional Skills:</b> - Programming Languages: <i>Python, C, Java, MATLAB, Ruby, JavaScript</i> - <b>ML / DL Toolkits:</b> <i>Numpy, Pytorch, Tensorflow, Pandas, Matplotlib, Sklearn, NLTK</i> - Coursera Certifications: <i>Applied Data Science, Math for Machine Learning</i> - Other Computer Science Skills: <i>Linux, Git, HTML and CSS, LaTeX, Ruby on Rails</i> <b>Software:</b> - <i>Eclipse, Jupyter Notebook, Google Colab, Microsoft Office, iWork, TeXstudio, Slack</i> <b>Languages:</b> - <i>Chinese (Native), English (Proficient), Japanese (Moderate; JLPT N2), Korean (Elementary)</i>	- <i>Automata and Formal Languages</i> - <i>Data Structures and Algorithm</i> - <i>Introduction to Artificial Intelligence</i>
STUDENT ACTIVITIES	<b>Secretary</b> , CSE/CIS Peer Mentors - 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  <b>Active Member</b> , Chinese Students and Scholars Society - 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	Aug 2019 – Present  Sep 2018 – Dec 2020