

Ziru “Ron” Chen

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INTERESTS	Natural Language Processing, Machine Learning, Algorithms, Theory of Computation	
EDUCATION	The Ohio State University , Columbus, OH Bachelor of Science in Computer and Information Science Specialization: Artificial Intelligence; Mathematics Minor	Expected May 2022 GPA 4.0
WORK EXPERIENCE	Student Instructional Assistant , Department of Computer Science and Engineering, Columbus, OH August 2019 – May 2020 <ul style="list-style-type: none">- <i>CSE 2321 Foundations I: Discrete Structures</i> (Autumn 2019; Spring 2020)- Grade students’ homework and report basic statistics and common mistakes to the professor- Answer students’ questions by holding office hours and replying to emails- Manage grades and course status with Carmen Canvas- Write homework solutions with LaTeX Student Shop Assistant , MUJI Shanghai, Shanghai, China April – June 2018 <ul style="list-style-type: none">- Listened to customers’ concerns and effectively communicated with customers to help solve their problems- Managed products on shelf by reorganizing and replenishing them	
QUALIFICATIONS & SKILLS	Coursework: <ul style="list-style-type: none">- <i>Speech and Language Processing</i>- <i>Introduction to Artificial Intelligence</i>- <i>Introduction to Operating Systems</i>- <i>Automata and Formal Languages</i>- <i>Data Structures and Algorithm</i>- <i>Discrete Mathematics</i> Professional Skills: <ul style="list-style-type: none">- Programming Languages: <i>Python, C, Java, MATLAB</i>- Other Computer Science Skills: <i>Linux, HTML and CSS, LaTeX</i> Software: <ul style="list-style-type: none">- <i>Eclipse, Jupyter Notebook, Microsoft Office, iWork, TeXstudio</i> Language: <ul style="list-style-type: none">- <i>Chinese (Native), English (Proficient), Japanese (Moderate; JLPT N2)</i>	
PROJECT EXPERIENCE	BW Language Compiler , Software Development and Design March 2019 <ul style="list-style-type: none">- Studied Abstract Syntax Tree, Context-Free Grammar, and basic Bytecode Generation- Implemented a tokenizer, a recursive descent parser, and a code generation function in Java- Completed a compiler that generates bytecode for BW language and runs the program on a Linux server	
STUDENT ACTIVITIES	Communication Chair , CSE/CIS Peer Mentors August 2019 – Present <ul style="list-style-type: none">- Support advisors by sharing academic experiences to complete lectures in survey class recitations- Teach students how to prepare for internships and future career by giving a presentation with other peer mentors- Answer students’ questions in class and through emails Active Member , Chinese Students and Scholars Society September 2018 – Present <ul style="list-style-type: none">- Attend meetings regularly to plan future events with other members- Hosted the Computer Science subject table at Chinese Freshmen Welcome Party- Volunteered at Mid-Autumn Festival Carnival and OSU Homecoming Parade	