

XIURONG YU

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EDUCATION

University of Rochester, Rochester, NY

Expected May 2023

Bachelor of Science in Computer Science – GPA 3.8/4.0

SKILLS

Coding: Advanced proficiency in Java, HTML & CSS • Intermediate proficiency in C, Kotlin, Ruby, Python • Novice in Swift

Computer Software: Advanced proficiency in Git & GitHub, Linux, MS Excel, MS Word, MS PowerPoint & MS Outlook; certified as Microsoft Office Specialist Master • Advanced in Google Docs, Sheets & Slides

Languages: Advanced fluency in Chinese – Mandarin (speaking, reading & writing) • Intermediate in Spanish (speaking)

SELECTED COURSEWORK AND PROJECTS

Data Structures and algorithm
Computer Organizations

Artificial Intelligence
Computation & Formal Systems

Mobile App Development on Android
Intro to Web Development

Intelligent Reversi, *Java*, Rochester, NY

Mar. 2021

- Created an intelligent agent that plays the game Reversi/Othello with the user by implementing minimax algorithm
- Used state space search problem solving method to write up methods and classes to create, update, and evaluate board states

Street Mapping, *Java*, Rochester, NY

Apr. 2020

- Coded a program that displays the shortest path between cities in the New York State using Dijkstra's algorithm

PROFESSIONAL EXPERIENCE

Tabletop Interactive Play Research with Dr. Zhen Bai, *Research Assistant*, Rochester, NY

Jan. 2021 – Present

- Utilize Qualtrics to create and analyze a 20-minute survey to get feedbacks on technology prototypes that assist communication between hearing parent and deaf and hard hearing child
- Provide feedbacks on artificially intelligent technologies implementation including Head Mount Display and Projection display

University of Rochester, Rochester, NY

University Information Technology Center – IT & ResNet Consultant

Aug. 2019 – Present

- Provide desktop and classroom lab support, computer repair, and account assistance at campus helpdesk
- Check and log electronic devices including PC, Mac, and chargers through online service
- Assist remote customers through phone calls and schedule residential technical support as needed

Ronald Rettner Hall for Media Arts & Innovation – Digital Media Specialist

Sep. 2019 – Present

- Operate lab machines including virtual reality, PC and Mac, video studio, and 3D printers to support student developers
- Assist with daily walk-up support and manage loans of cameras, lenses, tripods, chargers, and other digital-media equipment

Deloitte – Information Technology Intern, New York, NY

Jul. 2019 – Aug. 2019

- Pre-built 300+ machines using Deloitte's standard image process and assisted with weekly laptop inventory
- Unpacked new laptops and packed end-of-lease laptops for return to the lessor; provided walk-up support as needed
- Worked with Procurement team to assemble 100+ training kits for new hires

LEADERSHIP EXPERIENCE

Sponsors for Educational Opportunity (SEO), *Scholar*, New York, NY

Feb. 2016 – Present

- Completed 720+ hours of college-preparatory curriculum; participate in competitive academic enrichment program
- Attend college preparedness workshops, networking events, and career readiness seminars
- Speak for various college student panel to assist underrepresented minorities in their college application process

UR Women in Computing, *Member*, Rochester, NY

Sep. 2019 – Present

- Participate in hackathons, coding workshops and professional career-development panels

UR Society of Asian Scientists and Engineers, *Vice President Intern*, Rochester, NY

Sep. 2020 – Present

- Organize various professional networking and social event such as SASE Alumni event and Pan Asian Professional Panel