

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

Campus Activities: • Sponsors for Educational Opportunity (SEO), *Scholar* • UR Society of Asian Scientists and Engineers, *Co-Vice President* • Women in Computing, *active member*

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, 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)

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

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

University Information Technology Center – IT & ResNet Consultant

Aug. 2019 – Present

- Provide desktop and classroom lab support, computer repair, and account assistance at campus helpdesk and JIRA platform
- Assist remote customers through phone calls and schedule residential technical support as needed

The CoTeam, *Software Developer Intern*, Virtual

July 2021 – August 2021

- Developed an automated slack invitation bot for new clients using Selenium web driver to run Slack and create notification
- Managed client information and organization on Intuit QuickBooks, Monday.com, and Dropbox
- Developed a model to integrated client information on all four platforms and prototyped a temporary solution using automate.it

M&T Bank, *Technology Intern*, Virtual

June 2021 – August 2021

- Created a Windows machine dashboard that is constantly referenced in the infrastructure team; increased efficiency by 100%
- Recognized as Top 2 intern project for ServiceNow duplication host removal with Excel and vROps interactive dashboard

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

COURSES AND PROJECTS

Data Structures and algorithm
Computer Organizations

Artificial Intelligence
Computation & Formal Systems

Mobile App Development on Android
Intro to Web Development

Life Adventure, *Kotlin & Android Studio*, Rochester, NY

May 2021

- Built an activity organization app with features including activity recommendation, app setting, and activity completion status
- Designed a customized theme for all 7 fragments of the app and coded both the front end and back-end features

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