

KRISTIN YAP

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EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY

Bachelor of Science in Computer Science

GPA: 3.50/4.00

Honors and Activities: RIT Dean's List (Fall 2022 - Present), RIT Presidential Scholar, Women In Computing (Projects Committee)

Rochester, NY

Expected May 2027

SKILLS AND INTERESTS

Technical Skills: Python, Pycharm, Java, IntelliJ, C, HTML, CSS, Visual Studio Code, Git, Microsoft Office

Interests: Video Games, Drawing, Video Editing, Coding, 3D Modeling, Computer Graphics, Computer Building

LEADERSHIP AND EXPERIENCE

RIT GCCIS IT OPERATIONS

Technical Lab Worker

Rochester, NY

October 2023 – Present

- Conducted maintenance checks on labs and equipment for student use and promptly addressed issues
- Managed equipment check-out and check-in process and monitored for overdue items
- Triageed help desk tickets to assist, respond, and assign to system administrators as needed
- Performed troubleshooting and repairs on equipment, including the replacement of computer equipment with spares as necessary

WOMEN IN COMPUTING

Projects Committee Head

Rochester, NY

April 2023 - Present

- Led a team of approximately 8-10 individuals, overseeing project planning and development
- Organized and conducted weekly meetings dedicated to brainstorming and discussing project ideas and plans
- Created project agendas, materials lists for purchases, and documentation to keep track of project progress
- Operated and maintained the club's 3D printer, fulfilling print requests from participating members as needed

CODE NINJAS

Coding Instructor

La Habra, CA

May 2023 – August 2023

- Led engaging summer camps focused on educating groups of 10-15 children about technology through Scratch Jr. game design, YouTube Studio video creation, and engineering-themed arts and crafts
- Engaged in local elementary school's summer program, leading interactive coding workshops to young students
- Guided children through learning activities in JavaScript and MakeCode programming
- Provided instruction and mentorship to children as they progressed through their program levels

EXTRACURRICULARS

WOMEN IN COMPUTING

- Took an active role within the projects committee, progressing from a participant to now leading the committee
- Collaborated effectively with fellow committee members to successfully construct an arcade cabinet
- Actively volunteered at various events, including a club-hosted hackathon and the exhibition of our arcade cabinet

ROC GIRL HACKS

- Volunteered at annual hackathon hosted by Women in Computing at RIT in October 2022 and October 2023
- Taught young girls ranging from grades 6 - 12 how to code using Code.org and Scratch
- Engaged with participants to brainstorm project ideas and offered guidance throughout project completion

PROJECTS

SOLITAIRE CHESS GAME

- Developed a Java-based Solitaire Chess game featuring various difficulty levels
- Designed a solver algorithm to offer the user hints and maintain a record of available moves
- **Skills:** Java, IntelliJ, Git

WIDGET'S WONDER PETS

- Collaborated within a team of 4 at a 24 hour hackathon to develop a desktop pet application designed to encourage healthy screen habits.
- Effectively utilized git branches for code management and gained experience using Python's Tkinter library.
- Spearheaded development for an accompanying website to enhance user experience.
- **Skills:** Python, HTML, CSS, Git, Visual Studio Code