

Ian Ip “Sam” Sit

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EDUCATION	ROCHESTER INSTITUTE OF TECHNOLOGY	Rochester, NY, USA
	Master’s degree, Computer Science Bachelor’s degree, Computing and Information Technologies 3.96 cumulative GPA	Expected May 2025 May 2023
PROJECTS	Sam Resume Bot	August 2022 - Present
	<ul style="list-style-type: none">Developed a bot using OpenAI to answer resume questions experimenting with Ada, Babbage, Curie, Davinci, and GPT 3.5 models using full-stack development	
	InstaPing	August 2022 - Present
	<ul style="list-style-type: none">Developed an Overwolf-based application utilizing Python, Angular, JavaScript, TypeScript, and CSS which enabled communication between gamers with various limitations, such as being deaf, mute, lacking a microphone, or having language barriers, by integrating a text chat feature into games lacking native text chatImplemented voice-guided system (VGS), enabling users to instantly communicate through predefined key combinations; alternatively, can use simple keystrokes	
	A New World Tournament Website, Senior Capstone	August 2022 - May 2023
SKILLS	<ul style="list-style-type: none">Successfully juggled multiple roles, mainly project manager while also contributing to front-end development using Tailwind CSS, JavaScript, and HTMLOrchestrated the setup and upkeep of web server, storage, and database services on AWS, ensuring seamless functionality as system and database administrator	
	PNC LEARN, PNC L.E.A.D. in CODE Summit	April 2021
	<ul style="list-style-type: none">Led an intern team in a competition and claimed the first place and prizeIntegrated concepts designed in Figma into frontend using JavaCreated a game that aims to enable adolescents and parents/guardians to collaborate on budget management so that adolescents can develop financial responsibility	
	<ul style="list-style-type: none">Software languages: Java, Python, HTML, CSS, Javascript, SQL, Bash, Git, M, DAXSoftware skills: jGRASP, PyCharm, Visual Studio Code, Unity, MySQL, Power BIOther tools: AWS, GitHub, JIRA, Confluence, Django, Kore.aiLanguages: English, American Sign Language, Cantonese, Mandarin, and Japanese	
EXPERIENCE	The Data Mine – Researcher (Purdue University)	May 2023 - July 2023
	<ul style="list-style-type: none">Designed and implemented dynamic dashboard utilizing real-world interpreting jobs data which addressed challenges and identified trends using Anvil, Jupyter Notebook, DAX, M, and Python in Power BI, and presented to leaders and product ownersLed the team and wrote comprehensive project documentation, deployment plan, research poster	
	ICS/NTID Lab – Programming Tutor (RIT/NTID)	September 2022 - Present
	<ul style="list-style-type: none">Provided comprehensive tutoring in Java, Python, HTML, CSS, JavaScript, SQL, Bash, and Git to help students understand class conceptsAssisted students in improving their coding skills through one-on-one guidance and feedback	
	PNC Financial Services – Software Engineering Intern (Pittsburgh, PA)	May 2022 - July 2022
HONORS	<ul style="list-style-type: none">Designed and implemented a virtual assistant on the Kore.ai platform in 2 weeks and refined furtherPresented the capstone project to PNC leadership which received high praise to present againCollaborated with an additional full-time team as an intern in additional project on developing a Django application for automated document extraction	
	REU AICT – Research Intern (Washington, D.C.)	May 2021 - July 2021
	<ul style="list-style-type: none">Developed the research experiment environment using full-stack development which focus on on WebRTC to enhance deaf accessibility after being certified for human research with CITIWrote a research paper based on the findings of the experiment by analyzing and interpreting mass data with statistical techniques and presented findings to leaders	
	Outstanding Undergraduate Scholar Award (RIT)	March 2023