Howard Kong

📞 (917)517-5963 — ✉ howard.kong05@gmail.com — 🔗 linkedin.com/in/howardkong826 — 🔗 github.com/Souloutz

Objective — Seeking paid software engineering co-op utilizing Java, Python, JavaScript. Available May - December 2025.

Skills

Languages	Java, Python, Go, C, C++, JavaScript, TypeScript, HTML, CSS	**Design**	Figma, Canva, AutoCAD, OnShape, SketchUp
Frameworks	Angular, React, Next.js, Flask, Tailwind CSS, Bootstrap, Spring Boot, PostgreSQL	**Tools**	Microsoft Office Suite, Google Workspace, Git
		Cloud	GCP, AWS, Docker
		Languages	Japanese, Mandarin, Cantonese
		Interests	Dancing, Singing, Music, Gaming

Projects

Multi-User Dungeon Game *(Engineering of Software Subsystems)* **Sept 2024 – Dec 2024**
– Collaborated with 4 members to analyze requirements, design, and develop subsystems for a game in Java, utilizing various software design patterns and creating extensive documentation and artifacts such as UML diagrams, sequence diagrams, and Gang-of-Four tables
– Contributed to the development of the command, authentication, memento, and UI subsystems and refactoring process

State Metro Project *(Software Process and Project Management)* **Sept 2024 – Dec 2024**
– Collaborated with 4 members to incept a potential software project by analyzing requirements and stakeholders, creating the project scope, analyzing and mitigating risks, evaluating software methodologies, creating a work breakdown structure and estimating process, creating a communication plan, and identifying and choosing metrics

School Supplies E-Store *(Introduction to Software Engineering)* **Jan 2024 – May 2024**
– Collaborated with 3 members to create a full-stack e-store application for school funds and supplies, utilizing Java, Spring Boot, REST APIs, and AngularJS
– Managed project development utilizing RUP and Scrum to develop iteratively through each stage, and track progress, requirements, goals, and contributions through documentation, Trello, and standups

StuyPulse *(Robotics)* **Oct 2022 – May 2023**
– Collaborated with over 100 members to build a robot for FIRST Robotics Competition that performed tasks such as retrieving balls, unloading/shooting balls, moving, and hanging and traversing rungs
– Assisted with conceptualizing, constructing, and programming certain subsystems using WPILib and Java

Work Experience

RIT Department of Access Services **Rochester, NY**
Notetaker *Aug 2024 – Present*
– Coordinated and produced comprehensive in-class notes to convey instructions and information, ensuring its accessibility to Deaf/Hard-of-Hearing students and students with disabilities, in an efficient manner

Discovery Program **Manhattan, NY**
Teaching Assistant *June 2022 – Aug 2022*
– Tutored 25+ students from low socioeconomic backgrounds to build their academic and social skills
– Taught classes and provided valuable feedback on assignments

Leadership Experience

Nova Dance Crew **Rochester, NY**
Instructor *Jan 2024 – Present*
– Taught and helped lead dance workshops with over 30 members
– Contributed ideas to improve the club, performances, events, workshops, and overall outreach
– Managed conflicts between performers and groups and communicated with external parties to ensure success of events

Asian Culture Society **Rochester, NY**
Executive Assistant *Sept 2023 – Jan 2024*
– Helped manage the club budget and contributed event ideas for fundraising and activities

Education

Rochester Institute of Technology
Bachelor of Science (BS) in Software Engineering
Minors: Math ; Chinese
– **GPA:** 3.85/4.0
– **Courses:** Engineering of Software Subsystems, Web Engineering, Software Process & Project Management, Engineering Cloud Software Systems, Human Centered Reqs & Design, Graph Theory, Probability & Statistics, Codes & Ciphers