Yama Jiang

718-827-9029 | yamajiang.cs@gmail.com | linkedin.com/in/yamajiang | github.com/YamaJiang

Education

University of Central Florida   Orlando, FL
Bachelor of Science in Computer Science, Intelligent Robotic Systems Minor   *Expected Graduation: Dec 2026*
- **Academic Achievements:** Dean's List
- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Mobile Software Development, Computer Logic and Organization
- **Organizations:** Girls Who Code, SASE, AI @ UCF, Marine Environment Robotics

NeoCity Academy   Kissimmee, FL
High School Diploma '22   *Engineering Pathway*
- **Academic Achievements:** Summa Cum Laude, President's Award, Honor Roll

Experience

Intern   2021-2022
SkyWater Technology   *Kissimmee, FL*
- Collaborated with a team to redesign and automate SkyWater Technology's IC chip materials storage and sorting system
- Integrated a Vertical Lift Module and compressed shelving for optimized storage
- Produced AutoCAD drawings and cost analysis to support system design

Projects

MATE ROV | *Current*
- Designing and building an ROV capable of conducting simulated ocean research and conservation tasks
- Developing and coding a leak sensor to detect water leakage in the ROV's enclosure and alert the system, enhancing underwater safety and durability
- In progress of creating a terminal user interface using PySeries and the curses library to display sensor information on the flight control system

FaceGuard | *Python*
- Implemented face detection with MediaPipe and OpenCV to ensure accurate and consistent face blurring across photos, videos, and webcam view
- Working on development to handle user input on web application to output desired face detection and blurred result

Okayama | *HTML, CSS, JavaScript*
- Created a visually appealing, mobile-friendly website using HTML, CSS, and JavaScript, tailored to showcase details and menu highlights for a restaurant
- Site reached over 1.5k unique visitors and handled 12.5k requests in under a month, demonstrating significant user interest and interaction.

Technical Skills

Languages: HTML/CSS, Python, Java, C, C#, Typescript, JavaScript
Frameworks: Tailwind, Next.js, React
Tools and Technologies: Figma, Git, VSCode, Unity, Eclipse, Android Studio, IntelliJ, Arduino