Ian Condon

(910) 777-3493 | ianebcondon@gmail.com | www.linkedin.com/in/swondon | www.swondon.com

EDUCATION

B.S. Computer Science, North Carolina State University   **AUG 2022 - DEC 2025**
- Minor in Business Entrepreneurship
- University Honors College, Alpha Phi Omega, 180 Degrees Consulting, Music Makers Club

SKILLS

Languages: Python, Java, JavaScript, Swift, C, C++
Web: HTML/CSS, React.js, Node.js, Express.js, PHP
Databases: MySQL, Firebase, CockroachDB
Automation: Playwright, Robot Framework, Selenium

Data: Pandas, NumPy, Scikit-learn, OpenCV, R
Tools: Xcode, VS Code, Eclipse, Git, Jenkins, Jira
Cloud: Amazon AWS, Oracle Cloud, Google Cloud
DevOps: Kubernetes, Docker, Nginx

PROFESSIONAL EXPERIENCE

Software QA Engineer Intern   **MAY 2025 - AUG 2025**
Gilbarco Veeder-Root   Hybrid, Greensboro, NC
- Automated software initialization and validation for over 50% of America's gas pumps via full-stack apps.
- Created a library for automating interactions with a remote power-switch API between Italy and the US.
- Deployed hardware and software with a critical deadline, preventing delays and safeguarding contracts.

Undergraduate Research Assistant   **JAN 2024 - PRESENT**
VXLab at North Carolina State University   Raleigh, NC
- Improving video conferencing by developing a full app prototype and research study through an REU.
- Trained a machine learning model to synthesize novel face angles from dual video streams.
- Created a web-based spatial audio and multi-camera streaming solution for video conferencing.
- Set up a STUN/TURN server using Oracle Cloud VM for NAT traversal.

President   **SEP 2023 - PRESENT**
180 Degrees Consulting at North Carolina State University   Raleigh, NC
- Provided strategic leadership and organizational oversight, managing a 60+ member team and coordinating branch-wide and global initiatives and operations.
- Led 12-week projects across engineering, automation, management, etc., advancing nonprofit missions.
- Enabled the delivery of higher-impact solutions by designing a technology consultant role.

PROJECTS

PotLuck: Full-Stack PWA and iOS app for Social Betting
- Created a progressive web app where users create wager pools ("pots") based on custom outcomes and invite friends, nearby users, or the public to join. (Frontend: React.js; Backend: JavaScript, SQL, Docker)
- Recreated for iOS App Store launch. (Frontend: Swift; Backend: Firebase)

deepQuestion: Mental Health Journaling App (HackDuke Winner, Database Category)
- Built an iOS journaling app that provides daily writing prompts. Anonymous responses are analyzed with NLP to reduce stigma and track mental health over time. (Frontend: Cordova; Backend: Django, CockroachDB)

See more projects at
www.swondon.com