

Ian Condon

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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

Gilbarco Veeder-Root

MAY 2025 - AUG 2025

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 software ahead of a critical deadline, preventing delays and safeguarding contracts.

Undergraduate Research Assistant

VXLab at North Carolina State University

JAN 2024 - PRESENT

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

180 Degrees Consulting at North Carolina State University

SEP 2023 - PRESENT

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