

Jason Conklin

 (732) 428-2200  jc2353@njit.edu  Clark, NJ  [linkedin.com/in/jason-conklin](https://www.linkedin.com/in/jason-conklin)  github.com/jason-conklin

Software Developer

EDUCATION

Bachelor of Science in Computer Science

Sep 2019 - May 2025

NJIT - New Jersey Institute of Technology

Newark, NJ

- CGPA: 3.1/4.0
- Relevant Coursework:
 - Probability and Statistics | Programming Language Concepts | Data Science
 - Linux Programming | Operating Systems | Computer Networks
 - Artificial Intelligence | Computer Systems | Advanced Database Systems

PREVIOUS EXPERIENCE

Warehouse Manager

May 2023 - Jan 2024

Good Tidings Plumbing Heating Cooling

Clark, NJ

- Modernized inventory operations by implementing digital tracking tools; optimized stock levels, increasing accuracy by 15% and reducing inventory errors by 20%
- Led a team of 8+ employees, fostering a collaborative environment that improved efficiency in order processing through improved workflows and digital tools
- Implemented data analysis to identify trends and streamline supply chain management, resulting in a 10% decrease in overhead costs
- Improved digital workflows by partnering with the operations team; recommended website updates and streamlined order processing, enhancing customer experience and boosting operational efficiency by 10%

LEADERSHIP EXPERIENCE

- Team Lead, Interactive Poker Game Project | Open-Source Virtual Chatroom Addition | Sep 2024 - Dec 2024
 - Led a team of 4 to develop a full-stack interactive poker game, integrating dynamic gameplay and graphics into a multiplayer virtual town environment.

EXTRACURRICULAR ACTIVITY

- Member, NJIT Information & Cybersecurity Club | NJIT | Feb 2022 - Jan 2023
 - Participated in hands-on cybersecurity projects, Capture-The-Flag competitions, guest lectures, and training sessions to develop practical security skills.

VOLUNTEER EXPERIENCE

- Volunteer | NJIT Coding & Tech Tutoring | Newark, NJ | Sep 2023 - Dec 2023
 - Assisted students in learning programming fundamentals and debugging code, helping them improve their technical skills.

KEY SKILLS

• **Software Development** • **Testing & Debugging** • **Performance Improvement** • **Cloud & DevOps**
• **Database Management** • **Cybersecurity & Networking** • **System Maintenance** • **Backup & Recovery**
Technical Skills: C, C++, JavaScript, Python, HTML, CSS, SQL, NoSQL, TypeScript, Tableau, React, Oracle, MongoDB, MySQL

ACADEMIC PROJECTS

- **Interactive Poker Game – Covey.town (Open-Source Virtual Chatroom) | Team Lead | Frontend Developer | Sep 2024 – Dec 2024 | [Github](#)**
 - Developed and integrated a multiplayer Texas Hold'em poker game into Covey.Town, a virtual chatroom with a 2D interactive environment.
 - Designed and implemented the game UI using React and TypeScript, including dynamic player card positioning, real-time updates for pot, chips, and hands.
 - Built the PokerAreaController to handle event-driven updates and integrate with the backend via WebSockets.
 - Enhanced user experience with intuitive betting controls, card reveals, and game progression features.
- **Sidewalk Segmentation from Satellite Imagery | Machine Learning Developer | Feb 2024 – May 2024**
 - Fine-tuned the Segment Anything Model (SAM) to detect sidewalks in satellite images using PyTorch.
 - Processed geospatial data with Geographical Information Systems (GIS) tools to prepare training datasets.
 - Developed a web app in Python for real-time sidewalk segmentation on user-uploaded images.
 - Integrated computer vision techniques for image preprocessing and model inference.