

# Ryan Wojciechowski

908.380.5264 | [wojcie2@tcnj.edu](mailto:wojcie2@tcnj.edu) | [github.com/RyanWojciechowski](https://github.com/RyanWojciechowski) | [linkedin.com/ryanwojciechowski](https://linkedin.com/ryanwojciechowski)

## Education

The College of New Jersey (TCNJ), *Ewing NJ*  
Bachelor of Science in Computer Science, *Specialization in Cybersecurity*  
Bachelor of Arts in Criminology  
*Dean's List: Fall 2024, Spring 2025*

*May 2027*  
*GPA 3.389/4.0*

## Skills

- **Languages:** Java, Python, C, C++, Typescript, Rust
- **Tools and Frameworks:** MySQL, MongoDB, React Native (Expo Go), PyTest, Wireshark, KaliLinux, Node.js, Auth0, JupyterNotebook
- **Frontend/Backend Tools:** HTML, CSS, Tailwind, JavaScript
- **Foreign Languages:** Spanish (limited working proficiency) Japanese (limited working proficiency)

## Experience

**Intelligence Investigative Intern**, *DigiStream Investigations, Haddonfield New Jersey* *May 2025 – August 2025*

- Conducted online **preliminary background investigation** on subjects using company applications and licensed **government databases**. Compiled findings and data into reports for clients.
- Scrubbed through **surveillance footage**, up to **96 hours** of such, and created multiple 2-minute NDV's for clients.
- Worked alongside surveillance investigators in **tailoring subjects, gathering intelligence and footage** for up to **8-9 hours a day**.

**Teaching Assistant**, *The College of New Jersey* *August 2025 – Present*

- Guide 20+ students weekly through fundamental Java concepts, debugging, and problem-solving exercises, improving comprehension and course performance.
- Facilitate collaborative lab sessions and one-on-one support, contributing to measurable increases in student assignment completion and exam readiness.

**Tutor**, *The College of New Jersey* *August 2025 – Present*

- Provide targeted tutoring in computer science, calculus, physics, and social sciences to 15+ students weekly, enhancing academic performance and conceptual understanding.
- Connect students with campus academic resources and study strategies, resulting in improved retention and GPA outcomes across disciplines.

## Research | TCNJ

**University Innovation Fellowship (UIF)**, *Student Fellow* *May 2025 – Present*

- Selected as **1 of 4** students for the global UIF program in collaboration with **Stanford d.school** initiative empowering student innovation in higher education.
- Partnered with TCNJ leadership including, **deans, faculty, provosts, and the college president** to identify and advocate for **strategic improvements**.
- Currently **co-developing** an interdisciplinary **research** lab proposal with my UIF cohort, aiming to establish a collaborative partnership with an agricultural organization where students and faculty across majors can engage in hands-on, cross-disciplinary research.

**Lead Cyber Security Researcher**, *Research Assistant* *January 2025 – Present*

- Working with Dr. Datta to bridge the gap between **technical cybersecurity** concepts and **non-technical** audiences. **Developing an AI model** to **predict common vulnerabilities** and **generate clear**, actionable **solutions** based on mapped vulnerability data. Leveraging models such as Gemma, GPT, Mistral, DeepSeek R1 and Llama3.3.

**MUSE Researcher**, *Undergraduate Researcher* *May 2025 – August 2025*

- **Hand-picked** to continue my **Cyber Security / Artificial Intelligence** research with Dr. Datta for an 8-week intensive on campus research experience. In addition to our previous work, we are looking at **simplifying technical vulnerability/weakness** reports.

## Certifications

**ISC2 Certified in Cybersecurity**, *ISC2 Candidate* *January 2025 – Present*  
**Cisco Network Security**: (*in progress*) *April 2025 – Present*

## Projects

**Lifting Lads – (HackTCNJ 2025 Winner, Best Use of MongoDB)**, *Lead Developer* *February 2025*

- **Led a cross-functional team** to develop *Lifting Lads*, a social fitness app, during a 24-hour hackathon.
- Used **React Native (Expo Go)** with a **Node.js/JavaScript** backend, **MongoDB** for database management as well as **Auth0** for signup.
- Utilized **Cloudflare's Ollama API** for a generative AI chatbot and **OpenStreetMap API** for location services.

**KaliLinux Virtual Box** *April 2025*

- Gained **hands-on** experience with **virtualization** and Linux, preparing the system for future cybersecurity learning and testing.

## Involvement

- Criminology Student Association
- Sigma Alpha Epsilon
- Mock Trial
- Colleges Against Cancer
- Japanese Student Association
- TCNJam Committee
- Chess Club
- ACM
- Alpha Phi Sigma (**National Criminology Association**)