# DOMINICK IADEVAIA

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## Education

**Rensselaer Polytechnic Institute (RPI)**  **Expected May 2026**
*Bachelor of Science in Computer Science, Minor in Cognitive Science, GPA: 4.0*  *Troy, NY*

## Relevant Coursework

- Binary Exploitation
- Cryptography
- Information Security
- Artificial Intelligence
- Data Structures
- Algorithms
- Operating Systems
- Computer Architecture
- Multivariable Calculus
- Differential Equations
- Logic
- Ontologies

## Experience

**RPI Security Club (RPISEC)**  **Jan 2024 - Present**
*Club Member — Security Trainings*  *Troy, NY*

- Attended Advanced IDA Workshop focused on debugging, tracing, and profiling using VS Code, Ghidra, IDA Free, ltrace, strace, latrace, and gprof.

**RPI Advising Learning Assistance Center**  **Feb 2024 - Dec 2024**
*Computer Science Tutor (Group and Private)*  *Troy, NY*

- Assisted students in completing coursework in Intro to Computer Science and Data Structures using Python and C++.
- Empowered students through tailored debugging techniques and problem-solving methodologies.

**First National Bank of Long Island**  **May 2023 - Aug 2024**
*Summer IT Intern*  *Melville, NY*

- Provided comprehensive help desk support for desktop, network, and application systems to enhance user productivity across the organization.
- Assisted network and infrastructure teams with the deployment of a new company wide Fintech application platform.
- Developed PowerShell scripts for Windows 11 image deployment, reducing setup time by 30%.
- Automated critical bank processes using FoxTrot scripting and RPA software, streamlining operations and enabling staff to focus on higher-value tasks.

## Projects

**MITRE Embedded CTF** | *Embedded Systems Security*  **Jan 2025 - Present**

- Participated in the MITRE Embedded CTF, gaining hands-on experience in embedded systems security and hardware exploitation.

**FitMe!** | *RDFS, OWL*  **Sept 2024 - Present**

- Collaborated with three teammates to ideate, develop, and present an exercise recommendation system leveraging Semantic Web technologies. Designed an ontology to model exercise types, user profiles, and fitness goals, enabling automated reasoning and personalized recommendations.
- Utilized semantic technologies to generate personalized exercise recommendations based on user data.

**VZCode** | *React.js, Node.js*  **Sept 2023 - Dec 2023**

- Contributed to the development of VZCode, an open-source, cloud-based multiplayer code editing environment.
- Responsible for the development of software components using React.js and Node.js languages.

## Technical Skills

**Languages**: Python, C, C++, Java, JavaScript, R
**Technologies/Tools**: Linux, GitHub, VS Code, Ghidra, Microsoft Office Suite

## Extracurriculars

**RPI Security Club (RPISEC)**  **Fall 2024 – Present**
*Member*  *Rensselaer Polytechnic Institute*

**Upsilon Pi Epsilon**  **Spring 2020 – Present**
*Member*  *Rensselaer Polytechnic Institute*

- Member of the RPI chapter of the honor society for computing and information disciplines. Actively contributes to the tutoring committee and helps organize and host undergraduate review sessions.

## Honors / Certifications

**ISC2 Certified in Cybersecurity (CC)**  **Mar 2025**
**Eagle Scout,** Troop 362, East Meadow  **Feb 2022**
**Dean's Honor List,** RPI, Troy, NY  **Fall 2022 - Present**