

Arielle Revis



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EDUCATION

Rensselaer Polytechnic Institute

Troy, NY May 2024- Present

Bachelor of Science - Information

Technology & Web Science

Focus Track: Information Security

East Brunswick High School

East Brunswick, NJ Class of 2024

High Honors Diploma

GPA 4.35/4.0

SKILLS

- Python
- Java
- JavaScript
- HTML/CSS
- XML
- Azure
- GitHub
- EXCEL, Word, PowerPoint
- Data Analytics
- Public Speaking
- Technical Writing
- Communications
- Detail Oriented
- Fluent in English, Hebrew

INTERESTS

- Artificial Intelligence
- Cybersecurity
- Cloud Computing
- Business Engagement
- Data Science & Analytics
- Biotechnology

ACTIVITIES

- International Award-Winning Competitive Dancer
- 100+ Tutoring hours in Biology, Physics, Pre-Calculus, & Calculus I

OBJECTIVE

Motivated and dynamic IT student seeking a summer internship to apply skills in software development, artificial intelligence, and cybersecurity.

Excited to contribute to innovative projects, collaborate with industry experts, and make a meaningful impact to address complex industry challenges

EXPERIENCE

Generative AI and Cybersecurity Research Assistant

Rensselaer Cybersecurity Collaboratory, RPI, Troy, NY

Aug 2024 – Present

- Accurately gathered and organized 90+ data points on human subjects' cybersecurity knowledge to evaluate impact of training.
- Conducted in-depth analysis of large datasets to uncover patterns and vulnerabilities in cybersecurity knowledge for students, faculty, and staff and identify actionable insights for improved security measures.
- Collaborated with a multidisciplinary team to rigorously test and evaluate the performance of AI models and RPI community's understanding and application of cybersecurity concepts.
- Co-authored impactful research papers, technical reports and presentations on findings and advancements in cybersecurity practices.

Team Member & Cashier

Playa Bowls, East Brunswick, NJ

Jun 2022 – Aug 2024

- Collaborated and communicated with team members to ensure efficient workflow and positive work atmosphere.
- Trained multiple employees for safe food preparation, customer engagement and technology issue resolution.

RELEVANT COURSEWORK

Introduction to Information Technology & Web Science

Actively developing skills in DevOps, Computer Networking, GitHub, GenAI, Repositories, Databases, Cybersecurity, E-commerce, Quantum Computing

Computer Science & Computer Science Principles

Ongoing refinement of computational thinking, problem-solving, small-scale programming, and applications including web-centric computing, image processing, numerical computing, and graphics.

LEADERSHIP & HONORS

- Co-President FCCLA
- VP Mu Alpha Theta
- VP Communications Science Honors Society
- VP Jewish Club
- Dance Team Captain
- AP Scholar with Honor Award
- High School Graduation with Highest Honors, National Honor Society, 4.0+ GPA, Presidential Award for Academic Excellence