Arielle Revis

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OBJECTIVE

Motivated and dynamic IT student seeking a summer internship to apply skills in software development, cybersecurity, and artificial intelligence. Excited to contribute to innovative projects, collaborate with industry experts, and make a meaningful impact

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY
Information Technology & Web Science
Focus Track: Information Security
Minor: Management
GPA 4.0/4.0

East Brunswick High School, East Brunswick, NJ
Class of 2024, High Honors Diploma
GPA 4.35/4.0

EXPERIENCE

Generative AI and Cybersecurity Research Assistant   Aug 2024 – Present
Rensselaer Cybersecurity Collaboratory, RPI, Troy, NY

- 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 research findings and advancements in cybersecurity practices, such as ISC2 Security Congress 2024.

RELEVANT COURSEWORK

Intro to IT & Web Science	Management In the Digital Age	Data Structures
Designed and deployed a website, created a database, implemented DevOps practices using Azure, and collaborated on a team project, gaining experience in networking, GitHub, cybersecurity, and emerging technologies like quantum computing and generative AI.	Expertise in management, emphasizing interdisciplinary managerial functions, business concepts, decision-making, and professional communication through case studies, exercises, and team projects.	Developed skills in C++ programming, including class design, algorithm analysis, and efficient implementation of custom and STL-based data structures for real-world problem solving.

LEADERSHIP & HONORS

- ACM-W Corporate Relations Chair
- Co-President of FCCLA, 23-24
- Vice President of Mu Alpha Theta, 23-24
- VP Communications Science Honors Society, 23-24
- VP Jewish Club, 23-24

- AP Scholar with Honor Award
- High School Graduation with Highest Honors, National Honor Society, 4.0+ GPA, Presidential Award for Academic Excellence
- Certificate of Excellence in Computer Science

SKILLS, INTERESTS & ACTIVITIES

Skills: Python, Java, JavaScript, HTML/CSS, XML, jQuery, HCI, JSON, AJAX, MySQL, MariaDB, Azure, GitHub, Excel, Word, PowerPoint, Data Analysis, Public Speaking, Technical Writing, Communications, Detail Oriented, Fluent in English & Hebrew

Interests: Artificial Intelligence, Cybersecurity, Cloud Computing, Project Management, Business Engagement, Data Science & Analytics,

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

Portfolio: A skill-focused Web Development Project hosted on Azure, demonstrating my proficiency in HTML, CSS, jQuery, HCI, JSON, AJAX, and security. This interactive site, built using GitHub, Visual Studio Code, and Linux, highlights my ability to create dynamic, user-friendly web applications.