

Nicholas Pinto

Gettysburg, PA · (203) 939-2033 · scout.pinto@gmail.com
github.com/sudo-nickPinto · linkedin.com/in/nicholas-pinto-153624277

EDUCATION

Gettysburg College, Gettysburg, PA	Expected May 2027
B.S. in Computer Science, Minor in Mathematics, Data Science	GPA: 3.75/4.0

TECHNICAL SKILLS

Languages: Python, Swift, Java, PowerShell
Technologies: SwiftUI, Firebase, Cloud Firestore, REST APIs, Git, GitHub, Azure
Libraries: NetworkX, Pandas, NumPy, SciPy, Matplotlib, pytest

PROFESSIONAL EXPERIENCE

Sullivan & Cromwell LLP <i>Electronic Discovery & Litigation Support Intern</i>	New York, New York <i>June 2026 – Present</i>
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- Developed PowerShell-based workflow automation solutions within AgilityBlue to streamline data disposition processes, reducing manual coordination across legal, technology, and information security teams.
- Integrated AgilityBlue REST APIs to automate project lifecycle tasks and eliminate bottlenecks within electronic discovery workflows.
- Researched and evaluated emerging technologies, including Azure services, AI-assisted review platforms, and modern communication tools, contributing findings to quarterly firm-wide technology briefings.
- Evaluated and improved data management workflows across the electronic discovery lifecycle with litigation support professionals.

PROJECTS

DOBLE – iOS Emergency Medical Services Application <i>Lead Developer, Darien EMS – Post 53</i> <i>Swift, SwiftUI, Firebase Authentication, Cloud Firestore</i>	<i>Jun 2025 – September 2025</i>
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- Led design, development, and deployment of a full-stack iOS platform used by 130+ EMS personnel, centralizing scheduling, attendance, training resources, communications, and organizational records.
- Designed and implemented the application architecture using Swift, SwiftUI, Firebase Authentication, and Cloud Firestore, enabling secure access control and real-time data synchronization.
- Deployed the application through Apple's private distribution program and achieved 92% organizational adoption, replacing multiple third-party services while significantly reducing software costs.

YouTube Recommendation Network Analysis

Python, NetworkX, Pandas, NumPy, SciPy, Matplotlib, pytest

- Built an end-to-end Python analytics pipeline to analyze 7,079 YouTube channels and 401,384 recommendation relationships, constructing a weighted network for large-scale ideological drift analysis.
- Developed reproducible Monte Carlo-style weighted random walk simulations to model recommendation behavior and measure changes in ideological direction, extremity, assortativity, and clustering.
- Developed a test-driven Python codebase with 72 automated tests, reproducible simulation results, and clear documentation to support reliable experimentation and analysis.

LEADERSHIP & AWARDS

ACM Secretary, Gettysburg College	Jan 2025 – Jan 2026
Vice President, Darien EMS – Post 53	Town of Darien Exemplary Leadership Award
Pi Mu Epsilon Mathematical Honor Society	Sophomore Inductee