# Daniel Lightner

Cresson, PA | (814) 254-2776 | DRL400@francis.edu | Linkedin.com/in/daniel-lightner/ | Github.com/DanLightner

## EDUCATION

**Saint Francis University** — Expected May 2026
*B.S. in Computer Science, Minor in Cybersecurity* — *GPA: 3.96/4.00*
- **Coursework:** Software Engineering, Software Craftsmanship, Web Application Architectures, Data Structures, Database Management, Server-Side Programming, Algorithms, Discrete Math, Data Mining & Machine Learning
- **Honors:** School of STEAM Leadership Award, 5-time President's List, Dean's List

## EXPERIENCE

**Application Analyst Intern** — Jun 2025 – Present
*Geisinger* — *Remote*
- Managed SAP BusinessObjects and 20+ Tableau workbooks, repointing data sources and promoting tables across DEV, TEST, and PROD, providing dashboard access to 400+ users
- Created, scheduled, and promoted roughly 100 Tidal jobs across all environments, automating workflows across multiple departments
- Troubleshot reports, workbooks, and stored procedures with developers, promoting approximately 150 stored procedures and writing SQL scripts in SSMS as needed
- Closed 600+ ServiceNow tasks, navigating change management processes, documenting resolutions, and contributing in daily and weekly stand-ups for a 10+ member team

**IT Pre-Sales Strategy Internship** — Jul 2024 – Oct 2024
*Marketeq Digital* — *Remote*
- Collaborated with cross-functional teams and sales staff to evaluate client needs, support meetings, and develop IT recommendations including infrastructure upgrades, software tools, and service plans
- Crafted SLAs and created technical documents, proposals, and presentations; leveraged Google Dorking to analyze 30+ competitor SLAs and design cybersecurity consulting packages
- Enhanced IT infrastructure knowledge and gained hands-on consulting experience by working with both technical and non-technical stakeholders

## PROJECTS

**SFU PA Project** | *Java, Spring Boot, JavaFX, SQLite, JPA/Hibernate, Maven, Git* — Jan 2025 – May 2025
- Led a team of 6 developers through Agile full-stack development of an academic tracking system, writing 9,000+ lines of code and contributing 90+ of 270 commits
- Built a full-stack MVC app with Spring Boot and JavaFX, using 21+ controllers, 11 repositories, and a normalized SQLite database for efficient data handling
- Engineered academic tools, including a course evaluator, gradebook for 23+ courses, and a lecturer tracker with dynamic filters and reports, all featuring CSV import/export functionality to reduce admin workload by 60%
- Designed 18 JavaFX views in SceneBuilder with custom CSS styling and interactive tables, enabling easy data sorting, filtering, and editing

**College Basketball EDA** | *Python, pandas, NumPy, Scikit-learn, Seaborn, Matplotlib* — Nov 2024 – May 2025
- Explored a dataset of 3,500+ NCAA Division I basketball team seasons (2013–2024), cleaning and analyzing 24 statistical variables including offensive/defensive efficiency and tournament performance
- Applied K-means clustering using scikit-learn; tested 2 (Calinski-Harabasz), 17 (elbow), and chose 3 clusters based on silhouette score, visualizing groupings with matplotlib and seaborn
- Built decision tree classifiers to predict conference affiliation from team metrics, achieving 9.56% accuracy (vs. 3% baseline) and revealing cross-conference patterns in play style

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, HTML/CSS, SQL (H2, MySQL, SQLite)
**Frameworks & Tools:** Spring Boot, Node.js, Express.js, ReactJS, Electron, JavaFX, Thymeleaf
**Technologies:** Maven, Postman, Git, GitHub, Visual Studio Code, IntelliJ, Linux, Jupyter Notebook, RESTful APIs
**Libraries:** OpenCSV, Matplotlib, NumPy, pandas, Scikit-learn, Seaborn, Statsmodels
**Concepts & Practices:** MVC Architecture, Agile, Version Control, Object-Oriented Programming