

**Kevin Welch** - [www.linkedin.com/in/kevinwelchdotpy](https://www.linkedin.com/in/kevinwelchdotpy) | weljkev@gmail.com

## EDUCATION

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**Union College**, Schenectady, NY June, 2024  
Bachelor of Science in Computer Science  
Relevant Coursework:  
Large Scale Software Development, Data Analytics, Artificial Intelligence,  
Natural Language Processing, Neuroscience: Mind and Behavior

## PROFESSIONAL EXPERIENCE

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**Union College**, Schenectady, NY June, 2024  
**Application Programmer Analyst**

- Design and Develop integration pipelines for secure data transfer between source and target systems such as Workday, SQL Server, and vendor applications
- Create, manage, and update Workday Reports, calculated fields and scheduled Integrations

## SKILLS & PROFICIENCIES

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**Programming Languages:** SQL, Python, Java, Unicode  
**Python Libraries:** NumPy, Pandas, TensorFlow, Keras, Matplotlib, openCV  
**Platforms:** SnapLogic, RESTful APIs, Workday (HCM and Finance), Workday Studio (BIRT), SQL Server, AWS Services  
**Additional Skills and Proficiencies:** Agile and Waterfall Frameworks, DAMA-DMBOK Data Management Framework and Knowledge Areas

## PROJECTS

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**Personal Project**, Schenectady NY May, 2024  
**Chest X-Ray Autonomous Classifier**

- Implemented a Convolutional Neural Network using Python to detect abnormal findings in Chest X-Rays.
- An emphasis was placed on the lightweight nature of the model to increase accessibility to radiology findings in developing nations.

**Personal Project – Resume Website**, Troy NY June, 2025  
**KevinWelch.org**

- Designed and deployed a personal resume website using AWS services including S3, Route 53, CloudFront, and Certificate Manager, to study fundamental AWS architecture, security, and cost management concepts.
- Utilized prompt engineering to generate front-end code in HTML, CSS, and JavaScript, compensating for limited experience in web development.

## CERTIFICATIONS

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**CDMP – Certified Data Management Professional** May, 2025

- Gained knowledge of best practices across DAMA-DMBOK's core domains, including data governance, quality, architecture, metadata, and master data management