

KEVIN NGO

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Education

Springfield College

Bachelor of Science in Computer and Information Sciences — Minor in Business Management

May 2024
Springfield, MA

- Magna Cum Laude — **GPA: 3.78**

Technical Skills

Languages: Python, JavaScript (ES6+), HTML5, CSS3, SQL, C++, TypeScript

Frameworks/Libraries: React.js, Node.js, Express.js, Flask, scikit-learn, Pandas, NumPy, Matplotlib, Machine Learning, NLP

Tools: Git/GitHub (Version Control), Docker, Linux (Bash), Jupyter Notebook, VS Code, CI/CD Pipelines

Other: REST APIs, API Integration, Database Design, Testing/Debugging, Agile Methodologies

Projects

Microblogging Web App | [Source Code](#)

Python, Flask, SQLAlchemy, Bootstrap

- Built a full-stack, responsive web application with user authentication, CRUD operations, and pagination using Flask, SQLAlchemy, and Bootstrap.
- Implemented MVC architecture, API integration, and RESTful endpoints to ensure scalable and maintainable code.
- Designed and optimized database schemas for efficient data storage and retrieval, with thorough testing/debugging to ensure system reliability.

Sight Studio LLC Website | [Source Code](#)

HTML, CSS, JavaScript

- Designed and deployed a mobile-first, SEO-optimized website for a healthcare provider using semantic HTML5, CSS3, and JavaScript.
- Integrated contact forms, service listings, and accessibility features to improve user engagement and compliance.
- Optimized performance and load times with asset compression and code minification.

Fake News Detector | [Source Code](#)

Python, scikit-learn, pandas, TF-IDF

- Engineered a machine learning pipeline using scikit-learn, TF-IDF vectorization, and a PassiveAggressiveClassifier to classify articles as REAL or FAKE.
- Processed and analyzed 6,000+ news articles with pandas, applying data cleaning, feature extraction, and database design for structured input.
- Validated performance with accuracy, precision, and recall, while performing testing/debugging to ensure reliability across datasets.

Stock Market Predictor | [Source Code](#)

Python, scikit-learn, pandas, Matplotlib

- Developed a regression model to forecast stock prices using historical financial data and scikit-learn.
- Performed data cleaning, feature engineering, and train/test validation to optimize model performance.
- Visualized predictions and trends with Matplotlib to communicate results to stakeholders.

Work Experience

Sight Studio LLC

Apr 2025 – Present

Office Manager & Optometric Technician

Enfield, CT

- Optimized scheduling and patient record workflows by leveraging RevolutionEHR (Electronic Health Record system), improving data accuracy, workflow efficiency, and compliance.
- Operated and maintained diagnostic testing systems, integrating results into digital health records while ensuring system reliability and data integrity.

Caring Pharmacy

Oct 2023 – Jun 2025

Pharmacy Technician

Springfield, MA

- Streamlined prescription fulfillment and database-driven inventory workflows by utilizing PioneerRx pharmacy software, processing 300+ records daily with high accuracy and compliance.
- Provided end-user support for patients and staff by troubleshooting prescription system issues, maintaining data integrity and workflow accuracy.