

# Kevin Dacanay

| [linkedin.com/in/kevin-dacanay](https://linkedin.com/in/kevin-dacanay) | [github.com/KevinDacanay](https://github.com/KevinDacanay) | [youtube.com/@KevinDacanay](https://youtube.com/@KevinDacanay)

## Education

<b>Lewis University</b>	<b>Removille, IL</b>
Bachelor of Science in Computer Science, Minor in Cybersecurity	Aug. 2023 – Dec 2026
<b>Coursera Coursework</b>	
Meta & Google professional coursework in software development, web technologies, and cloud fundamentals	Aug 2023 – Present

## Experience

<b>Lewis Marketplace – E-Commerce Web Application</b>	Dec 2025 – Present
<i>Django   Django Rest Framework   MySQL   Docker</i>	
<ul style="list-style-type: none"><li>Designed and developed a modular Django backend using REST architecture to support marketplace functionality</li><li>Implemented RESTful APIs for user authentication, product listings, messaging, and forum-based interactions</li><li>Modeled relational database schemas in MySQL to handle users, listings, orders, and forum posts</li><li>Actively documenting system architecture and API contracts for long-term maintainability</li></ul>	
<b>KPad Text Editor</b>	Aug 2025 – Present
<i>C++   Qt Framework</i>	
<ul style="list-style-type: none"><li>Developed a lightweight desktop text editor inspired by Notepad++ using C++ and Qt</li><li>Designed a GUI-based application using Qt widgets and event-driven architecture</li><li>Focused on clean code organization and extensibility for future features such as syntax highlighting</li></ul>	
<b>Bare Bones Operating System</b>	Jan 2025 – Present
<i>C++   x86 Assembly   CMake</i>	
<ul style="list-style-type: none"><li>Built a custom 32-bit bare-metal operating system from scratch</li><li>Created and used a custom i686-elf-g++ cross-compiler for kernel development</li><li>Implemented a C++ kernel with direct VGA text-mode memory access for terminal output</li><li>Wrote low-level boot and initialization code in x86 assembly</li></ul>	
<b>Flask Blog Application</b>	Aug 2025 - Present
<i>Flask   Jinja2   SQLite</i>	
<ul style="list-style-type: none"><li>Built a server-rendered blog application using Flask</li><li>Implemented user authentication, RESTful API endpoints, and follower relationships</li></ul>	

## Technical Skills

**Languages:** Python, Java, C++, C, Javascript, HTML/CSS, R, Lua, x86 Assembly

**Frameworks:** Django, Django Rest Framework, Flask, ReactJS, FastAPI

**Databases:** MySQL, PostgreSQL, SQLite, MongoDB, Firebase Firestore

**Developer Tools:** Git, Docker, Github Actions, VSCode, PyCharm, IntelliJ, Notepad++, Insomnia, Linux, Google Cloud Platform, AWS

**Libraries:** Pandas, NumPy, Matplotlib, SciPy, Tensorflow, scikit-learn, Bootstrap, Socker.IO