

Bomin Kang

(Vicky)

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ABOUT ME

Computer Science/Math student proficient in **Java** for building **robust, scalable applications** and **Python** for **rapid AI integration**. Hands-on experience developing and deploying full-stack applications. Demonstrated ability to rapidly integrate new technologies, including **Groq API** and **Git/Render** for deployment. Proven ability to leverage AI-assisted tools for rapid prototyping and maximizing development efficiency. Eager to contribute immediate value to a **fast-paced startup environment**.

EDUCATION

College of San Mateo 2025-2027 (expected)

Associate of Science, Computer Science

Associate of Science, Mathematics

- **Relevant Coursework:**

Calculus I, Intro to Object-Oriented programming(Java)

ACTIVITIES & LEADERSHIP

- ASCSM(Associated Students of College of San Mateo) – Equity Affairs Board
- ASCSM(Associated Students of College of San Mateo) - Open Education Initiative Board
- Google Developer Group on Campus club

SKILLS

Programming / Technical Skills

- Java (Proficient)
- Python
- HTML / CSS / JavaScript
- AI-Assisted Prototyping
- Excel

Tools / Software

- Git / GitHub
- IntelliJ IDEA, PyCharm, VS Code
- Render(Web Deployment)
- Figma, Canva, Google Slides

Soft Skills

- Leadership
- Teamwork
- Multitasking
- Problem Solving / Critical Thinking
- Creativity / Innovative Thinking

Languages

- Korean (Native)
- English (Professional working proficiency)

EXPERIENCE

Production Director (Jun 2025 - Jul 2025)

Megastudy

- Directed and produced weekly lecture recordings, managing **technical camera and audio setups** for **8-12 sessions** over one month.
- Documented editing points for **100% of recorded sessions**, streamlining post-production **efficiency** and reducing editor turnaround time.
- Coordinated complex scheduling with instructors, ensuring **100% session completion** without conflict—demonstrating strong **organizational execution**.
- **Troubleshooted technical issues** during recordings, preventing delays and maintaining **uninterrupted production workflow**.

Student Support Manager (Mar 2025 - Jul 2025)

Unisense English Academy

- Provided one-on-one counseling to over **60 students**, achieving an **80%+ immediate enrollment rate** after sessions.
- Managed daily academy operations, including scheduling classes and handling student inquiries, **improving workflow efficiency**.
- **Monitored student data and progress** and offered targeted guidance, contributing to measurable improvements in learning outcomes.

Restaurant Server (Dec 2023 - Mar 2025)

Char Restaurant

- Provided **high-quality service** to customers, **boosting satisfaction and encouraging repeat visits**.
- Managed **multiple tables efficiently** during peak hours, mastering **high-volume multitasking** and timely order delivery.
- **Independently optimized** daily opening and closing procedures, improving **overall team efficiency** and reducing labor waste.

PROJECTS

My Personal Website – Portfolio & Resume Hub

- Built a **responsive personal website** to showcase projects, skills, and resume
- Developed layout, styling, and project showcase independently with **AI assistance**
- Tools: HTML, CSS, JavaScript, GitHub, Render

LearnIt AI – Personalized Study Planner (Cal Hacks 12.0 Hackathon)

- Architected and developed a Python/AI study planner (LearnIt AI), utilizing **Groq API** for syllabus parsing and personalized quiz generation.
- Delivered a full-stack, deployed **prototype** demonstrating **rapid API integration**.
- Implemented front-end and back-end logic; collaborated with team
- Tools: **Python**, HTML, CSS, JavaScript, AI API, GitHub, Render

Core Java Programming Labs (JavaLab Repository)

- Developed 5+ functional, multi-class applications (e.g., Currency Converter, Mini-Games) applying **Object-Oriented Programming (OOP)** principles (Inheritance, Encapsulation) and demonstrating mastery of Java I/O and method modularization.
- Applied fundamental CS concepts (data analysis, array manipulation) while utilizing **Git/GitHub** for **version control** to ensure code quality, readability, and documentation.
- Tools: Java, VS Code, Git/GitHub.