Kevin Geonhun Lee

kevin.lee.27@dartmouth.edu | +1 201-377-8065 | Hanover, NH | GPA:3.80 | Major GPA:4.0

EDUCATION

Dartmouth College   September 2023 – Present
Computer Science   Hanover, NH

PROFESSIONAL EXPERIENCE

Accounting Internship at Hiossen Implant   December 2024 – January 2025
                                                                                                                                              Englewood, NJ

- Assisted in creating and organizing journal entries
- Developed a software system to streamline the organization and scanning of monthly journal entries
- Designed a new Excel format to better organize journal entries, integrating it with the newly developed software system

Computer Science Teaching Assistant at the Dartmouth College   September 2024 – Present
                                                                                                                                                   Hanover, NH

- Assisted in grading assignments and exams for CS10: Object-Oriented Programming.
- Provided support to students during office hours, helping them understand key programming concepts and course material.

RESEARCH & PUBLICATIONS

Research Internship in SQRLab, NJIT   June 2023 - July 2025
                                                                                                                                                    Newark, NJ

- SQRLab, Biomedical Engineering
- Research on Concussion Diagnose
- Engaged in Research: "OculoMotor & Vestibular Endurance Screening (MoVES) Normative, Repeatability, and Reliability Data"

Project Conducted

OMAT: A Mobile Application to Measure Movement in MoVes Protocol   June 2023 - July 2025
                                                                                                                                                    Newark, NJ

- Developed an mobile interface/application for concussion diagnosis
- Collaborated with researchers at NJIT's Sensorimotor Quantification and Rehabilitation Lab to create and enhance OMAT, a mobile application used in concussion assessment protocols.
- OMAT app accurately records oculomotor movements (horizontal, vertical, vergence) during clinical trials.
- Enhanced OMAT's functionality by implementing timed data output, real-time eye movement tracking, and categorization features to improve accuracy, accessibility, and scalability for concussion-related sensorimotor assessments.

Real-Time Posture Tracking and Turtleneck Prevention Tool -Using Image Processing and Gyroscope   July 2023 - March 2024

- Conducted original experiments to calibrate sensor data and define eight posture categories, enabling real-time classification
- Developed a web-based interface using Python (Flask) and HTML/CSS to display real-time posture data

CAMPUS INVOLVEMENT

Dartmouth BlockChain   **September 2024 - Present**

- Project: Anthias.xyz

    - Developed a dashboard to monitor borrower liquidation health on Aave, with plans to support other protocols.
    - Contributed to successful grant applications, including Gitcoin GR15, Aave, Euler Finance, and Compound.
    - Collaborated on completing Anthias's first grant project with Euler Finance and expanding the product suite.

OTHER

- **Skills**: Microsoft Excel, Photoshop, Photography, Python, Java, JavaScript, Kotlin, HTML
- **Languages**: Korean (Native), English