Stephanie Kim
CS and Biology Student

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EDUCATION

Computer Science and Biology B.A., *Swarthmore College* | GPA: 3.8 / 4   **May 2025**
- Relevant courses: Intro to Computer Science, Data Structures and Algorithms, Intro to Computer Systems, Linear Algebra, Discrete Mathematics

SKILLS

Languages	Python, C, JavaScript, R
Tools & Libraries	React.js, Node.js, Git, Vim, Ruby on Rails, Firebase, Jekyll

EXPERIENCE

Research Fellow – Conservation Biology   **Jan 2023 — Present**
Swarthmore College Biology Department   *Swarthmore, PA*
- Conservation Biology Lab
- Research focused on frogs' skin microbiome and how environmental variables, such as water quality and pollution, affect the microorganisms living on the frogs
- Conducted field research in Chamela, Mexico and lab work in Mexico City, Mexico on the affect of increased habitat temperatures on the microbiome of frogs
- PI: Professor Itzue Caviedes-Solis

Student Academic Mentor   **Aug 2022 — Present**
Swarthmore College Office of Academic Success   *Swarthmore, PA*
- Specially selected and trained to work with student body on the development of skills necessary for academic success, such as time management, organization, study strategies, and reading techniques
- Serve as a mentor for 50+ first-year students as they access the resources available on campus
- Advise students with academic questions, specifically throughout course registration

Research Fellow – Machine Learning and BCI   **Jan 2022 — July 2022**
Swarthmore College Computer Science Department   *Swarthmore, PA*
- Part of research team in the Qu Lab.
- Focus on machine learning and Brain-Computer Interfaces.
- Reviewed scientific papers, wrote code to organize various datasets, revised papers and code for submission to conferences

Private Tutor   **May 2021 — Sept 2022**
Private Tutor   *Camp Humphreys, USFK*
- Tutored 6-8 students, ranging from 2nd-11th grade.
- Taught each student 3-5 hours a week.
- Tutored SAT, ACT, Math, English, and Science.

Student Researcher   **Sept 2019 — May 2020**
Junior Science and Humanities Symposium   *Camp Humphreys, USFK*
- Conducted independent research on the effect of various meditation techniques on the quality of sleep and how they compared to previous claims.
- Worked with a mentor remotely to determine the most effect research methods to use with subjects.
- Presented research findings under the Life Science category to a regional panel in Okinawa, Japan and placed 2nd.

PROJECTS

Swarthmore Degree Tracker — *Personal*   **July 2023**
- Utilized HTML/CSS to create a fullstack web application that allows Swarthmore College students to track their progress in completing their degree in a way that is user friendly and intuitive.
- Swarthmore College does not provide students with an intuitive way to track their degree progress, see their GPA, or know what classes they must still complete.