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
- Conducted field research in Chamela, Mexico and lab work in Mexico City, Mexico to compare frogs' oral and gut microbiome. Researched how oral microbes aid digestion and how they change after passing through GI tract
- Used R to analyze DNA sequences after metabarcoding
- 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*
- Qu Lab.
- Focus on machine learning and Brain-Computer Interfaces. Used Muse headset to gather various data from subjects.
- Reviewed scientific papers, wrote code to organize various datasets, revised papers and code for submission to conferences
- PI: Professor Xiaodong Qu

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.