ELI YOUNG

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Education:

Swarthmore College, B.A in Computer Science and Mathematics w/ emphasis in Statistics *Expected Graduation: May 2026*
- Relevant coursework: Algorithms, Data Structures and Algorithms, Introduction to Computer Systems, Introduction to Computer Science, Single-Variable Calculus 1, 2, & 3, Discrete Mathematics, Linear Algebra, Statistical Methods I

Work Experience:

Developer Intern, *Parker Dewey,* Swarthmore College, PA *June 2024 - June 2024*
- Produced pages renovating the Nonprofit Alliance's annual Nonprofit Fundraiser's Symposium website utilizing WordPress, HTML, CSS, JS, and PHP.

Savvy Seniors Tech Institute Founder, *Ascension Living*, Signal Mountain, TN *June 2023 - Present*
- Established and managed a tech literacy business for seniors. Facilitated weekly tech help sessions at Alexian Village retirement home (~300 residents). Upkept by my younger brother while I'm at school.

McCabe Library Assistant, *Swarthmore Libraries*, Swarthmore College, PA *Sept. 2023 - May 2024*
- Administered circulation and reserve desks, maintained library, and provided customer service and technical support.

Developer Intern, *Parker Dewey,* Swarthmore College, PA *Jan 2024 - Mar. 2024*
- Revamped arlenespeaks.com for career and business consultant Arlene Peterson with WordPress, HTML, and CSS.

SEO Intern, *Parker Dewey,* Swarthmore College, PA *May 2023 - Aug. 2023*
- Optimized SEO for Raleigh, NC acupuncturist Fang Cai, improving Google search rank from ~#70 to ~#6.

Developer Intern, *Parker Dewey,* Swarthmore College, PA *July 2023 - Aug. 2023*
- Updated website and social media presence for The Welcome Church associate Lisa Johnson's knitting studio.

Developer Intern, *Parker Dewey,* Swarthmore College, PA *Dec. 2022 - Jan. 2023*
- Updated Phily's "The Welcome Church" website content and layout, and implemented a donation system.
- Created a website from scratch for church associate Lisa Johnson's knitting studio.

Mary Lyons Breakfast Cook / Coordinator, *Swarthmore Dining,* Swarthmore College, PA *Oct. 2022 - Present*
- Hired student employees, took inventory, ensured safety standards, managed and cooked breakfast for Mary Lyons dorm

Projects:

"Lock In" *May 2024 - Present*
- Developing a cross-platform stopwatch productivity app in JS, TS, Kotlin, HTML, CSS, etc. through React Native.
- The goal is to encourage time spent working and block distracting apps chosen by the user.

"PredictaCare" *April 2024 - June 2024*
- Uses linear regression machine learning algorithms to approximate appointment length based on factors like age, familiarity, appointment type, etc. to optimize medical scheduling and therefore reduce waiting times.
- Developed in SkLearn, Docker, Node.js, and HTML with two peers at Drexel's 11th annual Philly Codefest hackathon.

"HoopHunter" *Jan. 2024 - Present*
- Cross-platform app in Flutter and Dart that is meant to display locations and information about nearby basketball courts.
- Facilitated through using internet JSON database parsing, location-APIs, and computer vision algorithms.

"[eyoung21.github.io](#)" *Jan. 2024 - Present*
- Personal CS portfolio website created in HTML and CSS showcasing my journey and expertise.

"SwatSwap" *Jan. 2024 - Present*
- A college-specific version of Craigslist, facilitating transactions and assistance among Swat students. Developed in collaboration with Swat College Computer Society (SCCS) using JavaScript frameworks, SQL, Docker, and HTML.

Collegiate Activities:

Clubs, Swarthmore, PA *Sept. 2022 - Present*
- Chess, Wing Chun Kung Fu, founded Magic: The Gathering strategy game club, SCCS (Society)

Extracurriculars, Swarthmore, PA *Sept. 2022 - Present*
- Summer Social Justice Institute (SSJI): explored perspectives, community issues, identity, power, and privilege.
- Solidarity at Swat: aided campaign to raise Swarthmore employee conditions and form union, including student workers
- Annual Spring 3v3 Swarthmore Intramural Sports Basketball Tournament participant

Additional information:

Skills: Python, C++, C, Flutter and Dart, TypeScript/JavaScript, ReactJS, NextJS, Node.JS, SQL, Docker, Spanish (intermed.)