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, Discrete Mathematics, Linear Algebra

La Jolla High School / Signal Mountain Middle-High School, International Baccalaureate Diploma   *Graduated: 2022*

Work Experience:

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

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

Savvy Seniors Tech Institute Founder, *Ascension Living*, Signal Mountain, TN   *June 2023 - Aug. 2023*
- Established and managed 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.

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 Philadelphia's "The Welcome Church" website content and layout, implemented donation button w/ HTML.
- Created a website from scratch for church associate Lisa Johnson's knitting studio.

Projects:

"PredictaCare"   *April 2024*
- Uses ML algos to approximate appointment length time, optimizing medical scheduling, reducing waiting room times. Utilized SkLearn, Docker, Node.js, and HTML. Developed at Drexel's 11th annual Philly Codefest.

"HoopHunter"   *Jan. 2024 - Present*
- Flutter, Dart cross-platform app w/ bball court info through JSON database parsing. Location-APIs & comp vision soon.

"[eyoung21.github.io](#)"   *Jan. 2024 - Present*
- Personal CS portfolio website created using HTML and CSS showcasing 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 / High School Activities:

Clubs, Swarthmore, PA   *Sept. 2022 - Present*
- Chess, Wing Chun Kung Fu, 3v3 IM basketball, 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

"Tech To TN" CAS Project, Signal Mountain, TN   *June 2021 - August 2021*
- Raised $700 through fundraising initiatives for non-profit Computers2Kids, donating laptops to students in need.

Visions' Montana Blackfeet Service Program, Browning, MT   *July 2021 - July 2021*
- Constructed SunDance ceremony structures, renovated elders' homes, cleared Browning trash and Glacier National Park invasive plants, stocked and delivered nutrition boxes to Indian families, worked in Blackfeet community garden.

Stanford University's YSCIL Workshop, Remote   *Feb. 2021 - Feb. 2021*
- 30 teens worldwide, 4-day international workshop, w/ team of three created and pitched product ideas including a design of "digital cognition" office walls programmed to enhance work productivity and motivation.

First & Vex Robotics (mechanical, software, and drive teams)   *Sept. 2018 - Feb. 2022*

Boy Scouts of America   *Sept. 2015- March 2020*

San Diego Indian Youth Center   *Sept. 2008 - Dec. 2019*

Additional information:

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