

# 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 hackathon.

**"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.)