

JOHN BYLER

315 Highland Ave, Jenkintown PA 19046 | (215) 478-3801 | john.byler@yale.edu | <https://johnbyler.dev>

EDUCATION

Yale University, New Haven, CT Expected Graduation May 2028
BS in Computer Science and Economics

Jenkintown High School, Jenkintown, PA June 2024
Valedictorian

- **GPA:** 4.25 / 4.00, *SAT:* 1580
- **Awards:** National Merit Scholar, PA State Programming Competition 2nd Place, Perfect Score in AP Computer Science Principles Exam (459 globally, top 0.1%), PA Seal of Biliteracy in French
- **Activities:** School Newspaper Editor in Chief, Varsity Track & Cross Country Captain, World Language Honor Society Treasurer, National Honor Society, Varsity Golf Team
- **Dual Enrollment:** Temple University: Introduction to Brand Strategy & Research, Linear Algebra; GPA: 3.87 / 4.00; Arcadia University: Calculus II; GPA: 4.00 / 4.00

WORK EXPERIENCE

CatchLight Capital Partners, Intern, Virtual Oct 2024 – Present

- Develop AI platform to assist partners with company research, due diligence, and evaluation, deployed through web application.

OakBottle, Inc. (dba Picks), *Technical Product Manager*, Virtual Oct 2023 – Present

- Developed artificial intelligence tools to improve recommendation capabilities, increasing product-market fit.
- Created web application to complement iOS app, enhancing user experience and doubling potential user base.
- Advised CEO and streamlined technology use to improve development plans, increasing development efficiency.

Hiremind LLC, *Full-Stack Developer*, Virtual May 2024 – Sep 2024

- Reworked artificial intelligence model usage logic in web application backend to improve AI interview capabilities, providing faster, higher quality, and more reliable outputs.
- Engineered other frontend and backend features to make the web application ready for production.

Temple University, *Research Assistant*, Philadelphia, PA Jan 2024 – May 2024

- Implemented matrix algorithms for new cryptography tool designed to replace OpenSSL, improving its capabilities.

Fiverr.com, *Freelance Software Developer*, Virtual Jan 2022 – Sep 2023

- *Rating:* 4.97 / 5.00 stars on 89 reviews, 134 orders
- Advised clients on software solutions for business and personal projects, designing artificial intelligence, desktop applications, web applications, business programs, automation programs, and more.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Yale Society of Entrepreneurial Engineers and Developers, Yale University Aug 2024 – Present

- Work on entrepreneurial software projects in an incubator-like environment with fellow students.

Stock Market Club, *President*, Jenkintown, PA Oct 2019 – June 2024

- Instructed 40+ students with lessons on investing, enabling them to better manage their finances in the future.
- Actively managed \$25k personal portfolio, researching potential trades and investments to improve returns.

Scouts BSA, *Eagle Scout & Senior Patrol Leader*, Jenkintown, PA Sep 2011 – Feb 2024

- Directed Eagle Project to design and install a memorial bench for loss of beloved Cross Country coach.
- Led troop for meetings, fundraising, service projects, camping trips, hikes, and more.

SKILLS AND INTERESTS

- *Computer Skills:* Expert in Python, Advanced JS/HTML/CSS, C/C++, Golang, Intermediate Microsoft Excel
- *Language Skills:* Working Fluency in French
- *Interests:* Running, Investing, Philosophy, Entrepreneurship/VC, French, German, Chess, Board/Card Games