

# Collin Boler

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## EDUCATION

### Princeton University

*Major in Computer Science, Minor in Statistics and Machine Learning*

Princeton, NJ

Expected May 2027

- **Relevant Coursework:** Computer System Design, Programming Systems, Information Security, Machine Learning, Data Structures and Algorithms, Advanced Programming Techniques, Machine Learning Research Workshop, Linear Algebra, Multivariable Calculus, Graphic Design, Microeconomics

## INTERNSHIP EXPERIENCE

### Credit Benchmark

*Data Science Intern*

New York, NY

June – August 2025

- Architected data pipeline to back-test 10 years of Credit Benchmark's probability of default data – which included contributions from 40+ global banks on 110,000+ corporate entities. Published white paper highlighting findings and methodology: <https://creditbenchmark.com/knowledge-base/discriminatory-power-of-consensus-ratings>
- Engineered and optimized a supervised machine learning model to forecast North American corporate credit trends. The model enables the firm to identify future sector-level credit deterioration or improvement.

### 1440.io

*Software Engineer Intern*

Park City, UT

June – August 2024

- Developed a customer outreach module that eliminates language barriers by integrating transcription, translation, speech synthesis, and response recommendations, which boosted client productivity by over 50%.
- Contributed to the design, development, and maintenance of custom Salesforce applications for enterprise clients (Lowe's, Formula 1, LEGO) leveraging Jira for task management.

## SELECTED PROJECTS

### Social Media Video Generation Agent

- Shipped an agentic AI social media video automation platform, reducing our users' average video creation time by an average of 95%.
- Received \$5,000 in grants to integrate our AI agent into Sentient AGI's platform (2 million users).

### Computer Vision for Geo-Location Chrome Extension

- Built a Chrome extension that leverages a computer vision model – trained on 5 million images – to predict the precise geographic location of on-screen images. Predicted coordinates displayed in interactive map interface.
- Launched publicly on the Chrome Web Store with 9,000+ downloads and 2,100+ weekly active users.

## SCHOOL ACTIVITIES

### Princeton Varsity Track and Cross Country

Princeton, NJ

*Student Athlete*

Fall 2023 – Present

- Sub-four minute miler, Division I All-American, Ivy League champion, Princeton University record holder in 600m.
- Commit 30+ hours weekly to training and competition while maintaining a rigorous course load.

## AWARDS

### 3rd Place - Sentient AGI Real Revenue Hackathon

- Planned, developed, and launched a full-stack web application that uses Sentient's inference model to save small businesses time on advertising.

### The Babb Trophy

- Awarded annually to the freshman member of the track team who through sportsmanship, influence and performance has contributed most to the sport at Princeton.

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, C, x86 Assembly, HTML/CSS, JavaScript, TypeScript, Apex (Salesforce backend)

**Frameworks and Libraries:** React, Express.js, FastAPI, Flask, Matplotlib, Pandas, NumPy, PyTorch, scikit-learn, Selenium, Salesforce Lightning Web Components

**Tools:** Git, Docker, AWS (S3, EC2, ECR), Firebase, CI/CD, SSMS, ARM (Architecture), Postman, Salesforce DX