Collin Boler

collinboler@princeton.edu | (973)-533-8028 | collinboler.com | github.com/collinboler

EDUCATION

Princeton University Princeton, NJ
Major in Computer Science, Minor in Statistics and Machine Learning *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

INTERNSHIP EXPERIENCE

Credit Benchmark New York, NY
Data Science Intern *June – August 2025*
- Architected a data pipeline to back-test 10 years of credit data from 40+ global banks (110,000+ entities) and authored the resulting industry white paper, synthesizing technical findings for non-technical stakeholders. Available here: 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 Park City, UT
Software Engineer Intern *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

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 10,000+ downloads and 2,100+ weekly active users.

Social Media Video Generation Agent
- Shipped an agentic AI social media video automation platform, reducing our users' 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).

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: Express.js, FastAPI, Flask, Salesforce Lightning Web Components, Next.js (React Framework)
Libraries: React, Matplotlib, Pandas, NumPy, PyTorch, scikit-learn, Selenium
Tools: Git, Docker, AWS (S3, EC2, ECR), Firebase, CI/CD, SSMS, ARM (Architecture), Postman, Salesforce DX