

# PIERRE QUEREUIL

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San Francisco, CA | Durham, NC | Authorized to Work in the United States and Europe

## EDUCATION

### Duke University

Durham, NC

Bachelor of Sciences in Computer Science & Bachelor of Sciences in Statistical Science (Philosophy Minor)

Expected May 2027

- **GPA:** 3.76 (**Honors:** Dean's List Fall '24)
- **Concentrations:** Artificial Intelligence, Data Science
- **Relevant Courses:** Design and Analysis of Algorithms, Elements of Machine Learning, Intro to Database Systems, Computer Architecture, Regression Theory Applications, Machine Learning & Data Mining

## PROFESSIONAL EXPERIENCE

### Duke Computer Science Department

Durham, NC

Teaching Assistant

December 2024 – Present

- Supported upper-level computer and data science courses through office hours and asynchronous Q&A.
- Reinforced key software engineering concepts including algorithms, data structures, and systems programming.
- Developed and refined programming assignments to enhance student understanding of complex technical topics.

### AI Camp Inc.

Remote

Product Manager Intern

January 2023 – January 2024

- Mentored a team of student developers to create an exploratory data analysis website for social media creators from scratch.
- Led weekly demo sessions with our tech content creator client with a combined 100,000 followers across platforms.
- Crafted and taught self-constructed crash courses on full stack web development surrounding React, APIs, and databases.

Software Engineer Intern

January 2022 - January 2023

- Handpicked amongst 300 students to develop a suite of analytical tools to support a community of financial traders, including an AI-driven website to provide insights into market trends, and automated customizable alert systems for tickers.
- Managed backend infrastructure, designed responsive UI/UX, implemented in-depth performance testing and pull request reviews for robust features and led live demos with our clients.

## SOFTWARE DEVELOPMENT & PROJECT HIGHLIGHTS

The following projects include highlights of my proprietary\* and public work, in which I led development, maintenance, deployment, and version control.

- **Ticker Tracker\*** – Slack-integrated tool suite for stock trend analysis (AWS, Docker, PostgreSQL, Slack API)
- **Basketball Trainer\*** – AI-powered mobile app for workout tracking (React Native, Tensorflow, HuggingFace)
- **Social Media Analytics\*** – Sentiment analysis dashboard for influencer clients (Next.js, Tensorflow, Vercel)
- **Flight Radar** - Live tracking and route info for all flights, commercial and not (Remix Run, Amadeus / OpenSky API)
- **VennCBB** - College basketball advanced analytics dashboard (React Router, MongoDB, Prisma)

My public projects and academic work are available in my [portfolio](#), on my [github](#), and on my [blog](#).

## ACTIVITIES & LEADERSHIP

### Duke Applied Machine Learning

Durham, NC

Fullstack Software Engineer

January 2023 - May 2024

### Durham Robotics Mentorship

Durham, NC

President, Lead Volunteer

September 2024 – May 2025

### Duke Club Ski & Board

Durham, NC

Athlete

September 2023 – Present

## TECHNICAL SKILLS

**Programming Languages:** Typescript, Javascript, Python, Java, R, C

**Database:** SQL, MongoDB, GraphQL

**Frameworks:** React, React Native, Next, Remix Run, React Router, Vite, Django

**Deployment:** Docker, Google Cloud, AWS, Git, Github, Vercel, Railway

**Libraries:** Pandas, NumPy, Matplotlib, Pytorch, Tensorflow, Prisma ORM, Sklearn

**Languages:** English (native), French (native)