

PIERRE QUEREUIL

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415-361-7932 | pierrequereuil@gmail.com | San Francisco, CA | Durham, NC | Authorized to Work in the United States

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 advanced courses in algorithms, data structures, and systems, helping over 100 students weekly.
- Designed and refined complex assignments, improving conceptual clarity and debugging strategies.
- Facilitated collaborative learning via asynchronous platforms and in-person mentorship.

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 Slack client 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, C++

Data & Infrastructure: SQL, MongoDB, GraphQL, Prisma, Pandas, NumPy

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

Cloud & DevOps: Docker, AWS, Google Cloud, Railway, Vercel

ML/AI: TensorFlow, PyTorch, Scikit-Learn, HuggingFace

Languages: English (native), French (native)