

PIERRE QUEREUIL

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EDUCATION

Duke University

B.S. Computer Science & B.S. Statistical Science (Philosophy Minor)

Durham, NC

August 2023 – 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

Lycée Français de San Francisco

U.S. High School Diploma & French Baccalauréat (Highest Honors, Félicitations du Jury)

San Francisco, CA

August 2020 – May 2023

PROFESSIONAL EXPERIENCE

Duke Computer Science Department

Teaching Assistant

Durham, NC

December 2024 – Present

- Selected by faculty to support 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.

Project Mentor & Manager Intern

Remote

January 2023 – January 2024

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

AI Camp Inc.

Software Engineer Intern

Remote

June 2019 – September 2019

- Handpicked 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 testing and pull request reviews for robust features and led live demos with our clients.

PROJECT HIGHLIGHTS

- **Ticker Tracker** – Slack-integrated tool suite for stock trend analysis (AWS, Docker, PostgreSQL, Slack API)
- **Basketball Trainer** – AI-powered mobile app with video detection (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 commercial flights (Remix Run, Amadeus / OpenSky API)
- **VennCBB** - College basketball advanced analytics dashboard (React Router, MongoDB, Prisma)

My public projects are available on my [Github](#) or in my [Portfolio](#).

ACTIVITIES & LEADERSHIP

Durham Robotics Mentorship

President, Lead Coordinator

Durham, NC

September 2024 – May 2025

Duke Applied Machine Learning

Club Member, Fullstack Software Engineer

Durham, NC

January 2023 - May 2024

SKILLS

Programming Languages: Typescript, Javascript, Python, Java, R, C, SQL, MongoDB, GraphQL

Frameworks: React, React Native, Next, Remix Run, React Router, Vite, Docker, Git, Github, Django, AWS

Web Services: Docker, Google Cloud, AWS, Git, Github, Vercel, Railway

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