

# Pierre Quereuil

[pierrequereuil.com](https://pierrequereuil.com)

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## EDUCATION

### Duke University

Pursuing Bachelor's of Science in Computer Science and Statistical Science

5/2027

GPA: 3.6

## TECHNICAL SKILLS

Languages: Typescript / Javascript, Python, Java, R, C/C++, SQL/noSQL

Frameworks: React, React Native, Vue, Remix Run, Docker, Git, Tensorflow, Django

## EXPERIENCE

### Product Mentor / Manager

9/1/2023 - 1/1/2024

#### AI Camp Inc, Remote

- Mentored a team of student developers to develop an online exploratory data analysis website for tech influencers, using AI tech to supplement content strategy.
- Led weekly demo sessions with our client, a tech influencer with a combined 100,000 followers across all platforms. Taught self-constructed full stack crash courses and managed an agile workflow to mold team into job-ready software developers.

### Software Engineer Intern

12/1/2022 - 9/1/2023

#### AI Camp Inc, Remote

- Developed various analytical tools to support a community of financial traders, including an AI-driven website to provide insights into market trends.
- Managed backend infrastructure (database, server, Docker), designed responsive UI/UX for robust features and led demos with our customers for product feedback.

## STUDENT INVOLVEMENT

### President / Volunteer Teacher

1/1/2024 - Current

#### Durham Robotics Mentorship

- Volunteered in local public Durham middle schools to teach robotics in after school programs, benefiting underserved communities and sparking interest in STEM.
- Managed recruitment (overall growing club membership by 10x), grant acquisition, lesson plans, transportation, materials and communication.

### Fullstack Software Engineer

9/1/2023 - 1/1/2024

#### Duke Applied Machine Learning Club - TechTreeRoot

- Developed a web application to facilitate hackathon applications for students to democratize access to tech events as part of the nonprofit TechTreeRoot.
- Coordinated backend and frontend technologies, developing secure data pipelines from database to UI.

## PROJECT HIGHLIGHTS

- [pierrequereuil.com](https://pierrequereuil.com): portfolio website combining my knowledge of the web development stack (Typescript, React, Remix Run, Prisma, MongoDB, Vercel)
- Basketball Trainer: AI-driven video tracking mobile app for better basketball - API demo on portfolio site (Typescript, React Native, Python, Gradio, Hugging Face, Expo)
- Wildfire Detection: computer vision software for recognizing early signs of wildfire inspired by my experience in California (Python, Tensorflow, YOLO, Django)