

Pierre Quereuil

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EMPLOYMENT

Duke Computer Science Teaching Assistant

Dec 2024 - Present

Duke University | Durham, NC

- Selected by the Duke Computer Science department to organize weekly office hours, respond to questions asynchronously, teaching students advanced computer and data science concepts.
- Contributed to course content, building challenging and instructive code assignments.

Product Mentor and Manager

Jan 2023 - Jan 2024

AI Camp Inc | Remote, CA

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

Software Engineer Intern

Jan 2022 - Dec 2022

AI Camp Inc | Remote, CA

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

STUDENT INVOLVEMENT

President / Volunteer Teacher

Jan 2024 - Present

Durham Robotics Mentorship Club | Durham, NC

- 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

Jan 2023 - Jan 2024

Duke Applied Machine Learning Club | Durham, NC

- 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 systems, developing secure pipelines from database to UI.

EDUCATION

Duke University | Bachelor's of Science | Computer Science and Statistical Science

May 2027

GPA: 3.75 | Dean's List Honors Fall '24

CORE SKILLS / PROJECT HIGHLIGHTS

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

Frameworks: React, React Native, NextJS, Remix Run, Docker, Git, Django, AWS

Libraries: Pandas, Tensorflow, Pytorch, NumPY, Matplotlib, Seaborn

- Stock Ticker Tracker: analytics system built into customer Slack server, with custom commands for stock trend data visualization and tracking (AWS, PostgreSQL, Docker)
- Basketball Trainer: video detecting mobile app for better basketball backed by custom AI classifier model (Typescript, React Native, Python, Gradio, Hugging Face, Expo)
- Social Media Analytics: exploratory data analysis web app for influencer customer backed by AI sentiment analysis (NextJS, React, Tensorflow, Vercel)

Github: <https://github.com/dubitable>, Portfolio: pierrequereuil.com