

XAVIER DARGAN

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EDUCATION

BROWN UNIVERSITY

Sc.B. Candidate | Computer Science & Music

Providence, RI

September 2022-May 2026

- 4.0 GPA
- Completed courses in: Software Engineering, Data Structures, Computer System, Engineering Design, Linear Algebra, Statistical Inference, Tonal & Jazz Music Theory, Recording & Sound Design, and Songwriting
- Music Director, *Brown Derbies* (a cappella); Communications Lead, *Conversational AI Lab*; CS DUG Leader

PROFESSIONAL EXPERIENCE

AMAZON.COM, INC

Software Development Engineer Intern

Seattle, WA

Summer 2023, Summer 2024

- Worked on the PXT Talent Development team to design and create a front-end UI for a Search UI and a new GenAI tool for content authoring for Amazon's learning platform using full-stack programming and APIs.
- Led the AFE Communications Committee in weekly meetings and worked with the Head of AFE Intern Programs to run events, manage internal communications, and co-emcee Amazon's Global Intern Week.
- Awarded 3rd Place in AFE Intern Week hackathon for designing an early warning disaster & relief system.

KERRIGANML, INC

Co-Founder & Business Lead

Providence, RI

Fall 2023-Present

- Developing brain computer interface solutions incorporating innovative EEG devices that are customer ready for integration with VR headsets, research use, and targeted advertising. They record brain activity to signal different states of mind such as vision, emotion, stress levels, and muscle movement.
- ◊ HackMIT (2023) 1st Place Winner for Interactive Media Track; CalHacks (2023) 2nd Place Winner
- Work with Brown Entrepreneurship Program & Startup@Brown to connect with VC's and pitch to investors.

BROWN UNIVERSITY

Teaching Assistant – Music Theory; Engineering (Crossing the Chasm)

Providence, RI

Fall 2023-Spring 2024

- Assist professor in grading and leading classes, teaching ear training, music theory, and Crossing the Chasm
- Host TA sections and office hours with students to teach them new content and assist in their learning.

NORTHROP GRUMMAN INC.

Global Summit Innovation Challenge Intern

Redondo Beach, CA

Summer 2022

- Collaborated on team of high school & college interns to design and build from scratch a remote-controlled quadcopter, capable of dropping medical payload supplies during a simulated humanitarian disaster.
- Chief responsibilities included air reduction technique ideation, vehicle and payload testing, design review lead, soldering and drone assembly, and radio communications during flight.

SKILLS

- Coding: Java, TypeScript, JSX/React, Python, C++
- Graphic Design, Photoshop, and Editing
- Hands-On Engineering: Soldering, Woodwork, Metalwork, Laser Cutting, 3D Printing
- Communications & Entrepreneurial Experience
- Music Performance and Composition

HONORS

- Mira Costa High School Student of the Year
- Amazon Future Engineer (AFE) Scholarship
- Edison Scholar
- Chevron USA Scholarship
- Elks Most Valuable Student (MVS) Awards
- National Merit Scholar Finalist