

Juliet Crane

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EDUCATION

CORNELL UNIVERSITY

Bachelor of Arts in Computer Science

Ithaca, NY

Expected May 2028

- Milstein Scholar | GPA: 3.961 | Dean's List (all semesters) | SAT: 1520
- Relevant Coursework: Object-Oriented Programming and Data Structures, Linear Algebra, Introductory Microeconomics

PROFESSIONAL EXPERIENCE

ANTHROPIC

Claude Builder Ambassador

Ithaca, NY

August 2025 – Present

- Launched a university AI developer program achieving 206 signups in 1 week while delivering weekly status updates and metrics
- Defined success metrics and coordinated workshops, speakers, venues, & approvals to deliver with actionable post-event analysis

CORNELL DIGITAL TECHNOLOGY & INNOVATION

Software Developer

Ithaca, NY

September 2024 – Present

- Drove strategic development of community-focused tech products as part of a selective (6.1% acceptance rate) 94-member team
- Collaborated with team of 9 to optimize internal tools platform & develop responsive team public website using React framework
- Built comprehensive interview dashboard to automate applicant tracking, saving leads 10+ hrs/wk on manual sheets & email tasks

JAPAN-AMERICA STUDENT CONFERENCE (JASC 77)

Environmental Innovation & Entrepreneurship Roundtable Delegate

Ithaca, NY

March 2025 – August 2025

- Selected as 1 of 26 U.S. delegates to strengthen bilateral ties through strategic dialogue on environmental policy and clean energy
- Conducted stakeholder analysis of Japan's energy ecosystem, engaging government officials, startup founders, & industry leaders
- Collaborated with 8 international students through 5 months of research, navigating language barriers and cultural differences
- Co-developed a US state bill & delivered a capstone presentation on next-generation nuclear fission policy for AI energy demands

MILSTEIN SUMMER PROGRAM AT CORNELL TECH

Milstein Scholar

New York City, NY

June 2025 – July 2025

- Selected as 1 of 25 scholars from thousands of Cornell undergrads for an intensive 8-week technology and humanity program
- Analyzed data from NYC Participatory Budgeting initiative & proposed policies to increase water accessibility & reduce pollution

PERPLEXITY AI

Campus Strategist

Ithaca, NY

January 2025 – May 2025

- Led outreach efforts that increased platform use by 79% across Cornell through strategic partnerships and targeted events
- Identified high-impact student orgs & built 10 collaborative sponsorship partnerships in 2 weeks to promote AI platform adoption
- Initiated partnership for CU Design-a-thon, boosting Perplexity's brand visibility to 130+ student designers across sessions

PROJECTS

TALKING TANUKI – INTERACTIVE JAPANESE-LEARNING COMPANION

React Native (Expo), OpenAI Whisper & TTS, ESP32, Arduino, Bluetooth LE, Firebase

June 2025 – July 2025

- Built cross-platform app that pairs with a plush ESP32-powered tanuki for immersive real-time Japanese conversation practice
- Implemented on-device speech capture → Whisper transcription → GPT prompt → Japanese TTS for instant conversation replies
- Programmed ESP32 in C++ (Arduino) to create seamless Bluetooth A2DP pipeline that streams audio via I²S to a 3 W speaker

IKANJI – CUSTOMIZABLE KANJI STUDY APP

React, Next.js, TypeScript, Tailwind CSS, Firebase, OpenAI API, Figma, Git

October 2024 – Present

- Developed an AI-integrated web app for learning Japanese kanji with custom flashcards, adaptive quizzes, and shared lessons
- Conducted user research and achieved selected for integration into Cornell's official Beginner Japanese curriculum (Fall 2025)

INTERVIEW STATUS DASHBOARD

React, TypeScript, REST API, CSV Parsing, Frontend & Backend Integration

April 2025 – May 2025

- Built dynamic applicant tracking dashboard featuring real-time status updates, advanced filtering capabilities and bulk actions
- Developed instance management, CSV upload for bulk data processing, and backend API integration to maximize efficiency

LANGUAGES, SKILLS, ACTIVITIES, INTERESTS

- Languages: Japanese (limited working proficiency), French (limited working proficiency)
- Skills: Java, Python, JavaScript, C#, React.js, Firebase, Cloud Firestore, Express, Vercel, Git, Unity, Figma, Microsoft Office
- Activities: Vice President, Cornell Women's Club Hockey · Vice President, Cornell Brass Club · Merchandise Chair, Cornell Symphony Orchestra · President and Founder, Cornell Claude Builders Club
- Interests: Experimental oatmeal recipes, Japanese, Ninja Creami, French horn karaoke, frozen yogurt, Google reviewing, painting