

Taiki Jeffers

Computer Science Student

First-year college student currently enrolled at California Polytechnic State University in San Luis Obispo, CA. Background in Java, Python, robotics, and CAD. Interested in software engineering, web development, systems administration, distributed systems, Linux admin, and industrial controls.

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EXPERIENCE

Questionable Engineering, Jersey City, NJ — *Java Programmer and Wiring Lead, Founding Member*

MAY 2022 - PRESENT

FIRST Robotics Competition team; programmed several robot subsystems in Java, led wiring projects, oversaw community outreach events, received citation from the City Council of Jersey City.

Mathnasium, Hoboken, NJ — *Math Instructor*

SEPTEMBER 2023 - PRESENT

Tutored over 60 mathematics students from kindergarten through twelfth grade in a variety of topics ranging from basic arithmetic to calculus.

Computers 4 People, Hoboken, NJ — *Volunteer*

AUGUST 2022 - PRESENT

Volunteered at a nonprofit that donates computers to low-income households; refurbished/repaired 100+ laptops and translated brochures to Japanese.

Society of Hispanic Professional Engineers, Secaucus, NJ — *Outreach Coordinator*

APRIL 2021 - JUNE 2024

Helped develop multiple hackathons with 300 participants from 30+ countries, arranged a field trip to Columbia University, hosted STEM/startup speakers.

RSC Architects, Hackensack, NJ — *Architectural Drafter*

AUGUST 2022 - AUGUST 2022

Interned with the architectural firm and project manager who designed my high school campus; used AutoCAD and Revit to design various public buildings.

SKILLS

Java ★★★★★

Python ★★★★★

HTML ★★★★★

TypeScript ★★★★★

Rust ★★★★★

AutoCAD ★★★★★

OnShape ★★★★★

Fusion 360 ★★★★★

AWARDS

Jersey City Citation (Robotics)

MAY 2023

High Tech Hacks Hackathon Winner

MAY 2022

National Honor Society

NOVEMBER 2023

Seal of Biliteracy (Japanese)

FEBRUARY 2023

Gifted and Talented

OCTOBER 2022

Rookie All Star Award (Robotics)

MARCH 2023

Richard Smith Studios, New York, NY — *Decorative Painter*

APRIL 2024 - APRIL 2024

Collaborated with artists to restore the ceiling of a 1926 Neo-Renaissance Rosario Candela lobby in Manhattan's Upper West Side, utilizing a range of paint primers and tools.

Rotary Interact Club, Secaucus, NJ — *Vice President*

OCTOBER 2021 - JUNE 2024

Interact Club chapter at high school; led 2 winter coat and food drives, donated infant supplies to Ukrainian refugees, recycled 3,524 plastic bottles.

ACE Mentor Program, Secaucus, NJ — *Structural Designer*

NOVEMBER 2020 - JUNE 2024

Architecture, construction, and engineering program at high school; worked with architects and structural engineers on three annual civil engineering group projects.

EDUCATION

High Tech High School, Secaucus, NJ — *Computer Science*

SEPTEMBER 2020 - JUNE 2024

- GPA: 4.158
- SAT: 1460
 - SAT Math: 770
 - SAT Reading & Writing: 690
- Courses:
 - AP Computer Science A
 - AP Computer Science Principles
 - AP Calculus BC
 - AP Physics C (Mechanics, Electricity & Magnetism)
 - AP English Language
 - AP English Literature
 - AP Seminar
 - Computer Programming I, II, III
 - Mechatronics and Robotics I, II
 - Industrial Design and Animation I
 - Architecture and Design I

District Event Winner (Robotics)

MARCH 2023

Highest Rookie Seed (Robotics)

MARCH 2023

District Event Finalist (Robotics)

MARCH 2023

Rookie Inspiration Award (Robotics)

MARCH 2023

District Championship Rookie All Star Award (Robotics)

APRIL 2023

Championship Division Highest Rookie Seed (Robotics)

APRIL 2023

LANGUAGES

English ★★★★★

Japanese ★★★★★☆

French ★★☆☆☆

Hudson County Community College, Jersey City, NJ

DECEMBER 2021 - MAY 2023

- Courses:

- CSC 100: Intro to Computers & Computing
- PHY 111, PHY 211: Engineering Physics I, II
- CHP 111: College Chemistry I
- MAT 111: Calculus I
- MAT 110: Precalculus
- MAT 100: College Algebra
- PSY 101: Introduction to Psychology
- CSS 100: College Student Success

University of Rochester, Rochester, NY

JULY 2022 - AUGUST 2022

- Biomedical Engineering Pre-College Program

Elysian Charter School, Hoboken, NJ

SEPTEMBER 2011 - JUNE 2020

My interest in computer science and programming started here; I was first exposed to Scratch and Lua via afterschool clubs in the fourth grade and later attended seminars for learning Python and HTML in eighth grade.

COLLEGE ACCEPTANCES AND SCHOLARSHIPS

University of California, Davis

University of California, Irvine

California Polytechnic State University (National Green and Gold Scholarship)

Rutgers University Honors Program (Dean's Promise)

Rochester Institute of Technology (Presidential Scholarship)

University of Vermont (Presidential Scholarship)

University of California, Riverside (Non-Resident Achievement Scholarship)

New Jersey Institute of Technology

San Diego State University

University of Colorado, Boulder

COLLEGE WAITLISTS

Carnegie Mellon University

Cornell University

University of Michigan

University of California, San Diego

New York University

Tufts University

Northeastern University