



Bryant Perkins

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Skills

☒ Advanced C/C#/C++

☒ Advanced Python

☒ Intermediate Java

☒ HTML 5/ CSS/ Javascript

☒ React JS/ReactNative

☒ Intermediate German

Experience

Stanford HCI Research / Undergraduate Research Assistant

JANUARY 2025 - PRESENT | Stanford, CA

Conducted Human Computer Interaction (HCI) research on AI-powered XR language learning, designing and implementing front-end interfaces in Swift/RealityKit with dynamic scene generation, prompt engineering, and immersive interaction models

Hydra / Software Engineer

JUNE 2024 - SEPTEMBER 2024 | Berlin, Germany

Developed full-stack solutions, focusing on front-end development, backend services, and content management integration. Designed and implemented user interfaces, developed scalable backend solutions, integrated content management systems, and utilized web scraping techniques with Python to collect and analyze data efficiently

Stanford Summer Engineering Academy (SSEA) / Lecturer

AUGUST 2023 | Stanford, CA

Led computer science curriculum development and instruction for the School of Engineering's Equity and Inclusion Initiatives program. Provided hands-on guidance through grading, office hours, and interactive coding sessions

Stanford Computer Science Department / TA

JANUARY 2022 - PRESENT | Stanford, CA

Served as a section leader for Stanford's CS106A and CS106B courses, teaching fundamental programming concepts in C++ and Python, assisting with debugging, problem-solving, and understanding core CS principles

Snap Academies / Instructor

SUMMER 2022 | Stanford, CA

Taught computer science fundamentals using python at summer educational program for community college students hosted by Snap Inc., the makers of Snapchat

St. Martin Robotics Summer Camp / Instructor

SUMMER 2019, 2020, 2021 | Ocean Springs, MS

Introduced 4th-8th graders to STEM areas: CAD and 3D printing, laser engraving, coding and designing VEX robots

Education

Stanford University/ MS Computer Science (Human Computer Interaction)

SEPTEMBER 2022 - JUNE 2026

Stanford University/ BS Computer Science (Artificial Intelligence), German Studies

SEPTEMBER 2021 - JUNE 2025

Awards

The Gates Scholarship

APRIL 2021 - PRESENT

Ron Brown Scholarship

MARCH 2021 - PRESENT