John Smith john.smith@berkeley.edu | (510) 555-0123 | Berkeley, CA linkedin.com/in/johnsmith | github.com/johnsmith | johnsmith.dev

EDUCATION University of California, Berkeley Bachelor of Science in Computer Science Expected Graduation: May 2025 GPA: 3.85/4.00 Relevant Coursework: Data Structures (CS 61B), Algorithms (CS 170), Machine Learning (CS 189), Computer Architecture (CS 61C), Operating Systems (CS 162), Database Systems (CS 186)

TECHNICAL SKILLS Programming Languages: Python, Java, C++, JavaScript, TypeScript Web Technologies: React, Node.js, HTML/CSS, REST APIs Tools & Technologies: Git, Docker, AWS, Linux, SQL Languages: English (Native), Spanish (Conversational)

EXPERIENCE

Google - Software Engineering Intern Mountain View, CA | June 2023 - August 2023 • Developed and optimized backend services for Google Cloud Platform, improving API response time by 35% • Implemented automated testing infrastructure using Python and Jenkins, reducing deployment failures by 40% • Collaborated with senior engineers to design and implement new microservices architecture

UC Berkeley CS Department - Undergraduate Student Instructor Berkeley, CA | January 2023 - Present • Lead weekly discussion sections for CS 61B (Data Structures) with 30+ students • Develop and grade programming assignments, focusing on algorithm optimization and code quality • Hold office hours to help students debug code and understand complex data structures

PROJECTS

Berkeley AI Research Assistant • Developed a machine learning pipeline for analyzing student performance patterns using Python and TensorFlow • Implemented data preprocessing and feature engineering techniques, achieving 85% prediction accuracy • Created interactive visualizations using D3.js to display results to faculty members • github.com/johnsmith/berkeley-ai-research

Smart Campus Navigation App • Built a React Native mobile application to help students navigate UC Berkeley campus efficiently • Implemented real-time location tracking and optimal path finding using Dijkstra's algorithm • Integrated with Berkeley's public API to display real-time bus schedules and building information • 500+ active users with 4.5/5 App Store rating • github.com/johnsmith/campus-nav

LEADERSHIP & ACTIVITIES • Technical Lead, Berkeley Hackathon Club - Organized monthly hackathons and mentored 20+ students • Member, Berkeley Competitive Programming Team - Placed in top 10 at regional ICPC competition • Teaching Assistant, CS Scholars Program - Mentored underrepresented students in computer science

AWARDS & HONORS • Regents' and Chancellor's Scholarship, UC Berkeley (2021-2025) • 2nd Place, Berkeley AI Hackathon 2023 • Dean's List, College of Engineering (2021-2023)