Jane Smith

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Education

HARVARD UNIVERSITY   Cambridge, MA
AB in Computer Science, GPA: 3.55/4.0   May 2024
Relevant Coursework: Systems Programming, Data Structures and Algorithms, Artificial Intelligence, Introduction to Probability, Multivariable Calculus
Commit 20 hours per week to the Harvard Varsity Lacrosse Program.

IRVINE HIGH SCHOOL   Irvine, CA
High School Diploma, SAT I: M:780 V:760   June 2020
National Merit Scholar Finalist. Member of Varsity Lacrosse Team.

Technical Skills & Projects

Programming: C, C++, C#, SQL, Scheme, Perl, Python, MATLAB, JavaScript, OCaml.
Design: Wix, Adobe XD, Figma

CS 145 Final Project
Implemented a basic rule-based firewall for programmable network switches using the P4 programming domain-specific language. Allows user to block network traffic based on 5-tuple, including variable-length ranges of IP addresses.

CS 50 Final Project
Created a Google Chrome extension that allows users to replace the images on websites they visit with pictures of animals. Implemented using a combination of HTML, CSS, and JavaScript.

Relevant Experience

MICROSOFT   New York, NY
Software Engineering Intern   June - August 2022
Designed and implemented a productivity add-on for Office using C# and VSTO in .NET framework to automate and synchronize activity reporting. Created testing and demonstration suites for software.

HARVARD UNIVERSITY   Cambridge, MA
Teaching Fellow, Introduction to Computer Science   September 2020 – May 2021
Taught class of 21 students to program in C, PHP, JavaScript, and object-oriented concepts. Maintained weekly office hours and problem-solving sessions. Graded problem sets and exams.

TECH HILLS   Laguna Hills, CA
Technology Intern   June - August 2020
Implemented new web site including back-end database storage system and dynamic web pages. Developed and conducted usability tests, implementing enhancements to improve user experience.

Leadership

HARVARD COMPUTER SOCIETY   Cambridge, MA
Membership Coordinator / Board Member   January 2021 - Present
Organized marketing and advertising campaign, resulting in a 20% increase in membership Coordinated tech conference for thirty professionals and 75 students. Upgraded and enhanced website using Wix.

HARVARD COLLEGE MARATHON CHALLENGE   Cambridge, MA
Training Program Director   January - May 2020
Developed training program for 25 charity runners. Raised over $25,000 to support Phillips Brooks House Association and The Cambridge Food Project.