

Jack Cole

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Education

General Education, B.S in Computer Science

San Francisco State University

Summary

Proficient in Assembly, C++, Java, Perl, Python, PHP, MySQL, SQLite, SQL Server, JavaScript, HTML/CSS, and Linux server administration. Experienced in Photoshop, After Effects, Illustrator, and MS Office Suite. Skilled at working with database management, front-end and back-end web development, web scraping, and automating employee tasks, such as repetitive data entry. Excels at communicating, problem solving, compromise, and teamwork. Enjoys spending time working on side projects that improve skills.

Professional Experience

Lead Web Developer and Photographer, Skates on Haight

January 2013 – Present

- Maintained 3 ecommerce websites by keeping SSL registration, domain registrations, front end, and back end programs functional through bug fixing and software updates. Worked on call to bring the website back up within minutes of it going down.
- Reduced expensive overages by thousands of dollars per month by moving images and large CSS/JavaScript files to a remote server while creating fault tolerance to prevent a server outage from bringing down the website.
- Saved 3-5 man hours daily by creating software that synchronized products and orders across 3 in-house websites, Amazon, and Google, read emails from vendors and updated tracking numbers, and easy to use tools for employees to quickly do complex tasks.
- Created and touched up product photos in Photoshop to remove shadowing and ensure product colors were accurate and appealing.
- Consulted CEO on products offered by software companies, allowing her to make informed decisions on where to invest money and time.

Tutor, City College of San Francisco

October 2016 – July 2017

- Tutored all students enrolled at CCSF in C++, Java, Assembly and computer architecture, Python, MySQL, and HTML/CSS/Javascript.
- Promoted active learning through private tutoring sessions and detailed feedback on how to improve code. Created an environment that promoted critical thinking by encouraging students to approach problems independently.
- Increased efficiency in students' time by improving their development environments on their computers, and teaching them how to use IDE software.

I.T., Skates on Haight

July 2010 – January 2013

- Maintained 15 computers, 2 networks, 8 printers, 2 camera systems, and other essential tech equipment so every employee can continue their work unimpeded.
- Trained all employees on implementing of new software, and new hardware, as well as protecting themselves and the company from threats on the internet, completely eliminating all unplanned computer downtime.

Membership and Affiliations/Achievements

Coders Club ICC rep and developer

August 2016 – Present

- Actively developing the backend for a Django based social media platform designed to help improve City College of San Francisco club membership by providing a unified location for all club events and information.
- Used Web Design experience to help the Coders Code President fully understand the backend structure of the project.
- Led workshops in Github and Python to help students participate in club projects and develop lifelong skills.