

# Jack Cole

San Francisco, CA  
jack@jack-cole.com | (415) 377.8532  
jack-cole.com  
linkedin.com/in/jack-cole  
github.com/jack-cole

## Education

**B.S in Computer Science, San Francisco State University**

*Expected Fall 2018*

Dean's List all semesters

## Summary

Proficient in Assembly, C++, Java, Perl, Python, PHP, MySQL, SQLite, SQL Server, JavaScript, HTML/CSS, and Linux server administration. Skilled at working with database management, MVC application servers, front 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. Experienced in Photoshop, After Effects, Illustrator, and MS Office Suite.

## Professional Experience

**Software Engineer Intern, Albertsons**

*June 2018 – August 2018*

- Developed software solutions focusing on the backend management of the IT Ecommerce dept. Software development focused on optimizing engineers' efficiency on maintaining and enhancing Albertson's Ecommerce systems. Work was done in two-week sprints, with a daily morning stand up.
- Built UI and API for automated management of ecommerce software at over 150 stores, saving over 2500 engineer manhours per year. With over 1000 stores planned in 2 years, the number of hours saved will grow to 18,000 per year, saving the company over \$700,000 every year.
- Researched and developed ExpressJS application servers along with training and assisting other engineers in understanding this framework. Allowing Albertsons IT Ecommerce to quickly deploy new solutions as their needs grow.
- Assisted other interns with software development to ensure their projects completed in time.

**Undergraduate Researcher, San Francisco State University**

*November 2017 – Present*

- Lead Web Developer for GeneDive, a collaborative project between SFSU and Stanford University that gives scientists the power to quickly search relationships between diseases, genes, and disorders extrapolated from collections of millions of research papers.
- Developed auto documentation, automated testing, and diagramming of the website using a FSM model. This immensely helped the project leaders understand the structure of the site and refocus development.
- Created state management system to undo, redo, import, and export actions and data, giving scientists and researchers the power to share and collaborate using the website much more effectively.
- Reorganized and refactored the site controller to follow proper OOP and JavaScript guidelines. This aided in code readability, allowing current and future development to be more streamlined.
- Weekly Sprint Model: Weekly meetings with Mike Wong and Anagha Kulkarni to review what's progressed and decide the next week's tasks.

**Lead Web Developer, 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.
- Saved 3 to 5 manhours 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.
- Consulted CEO on products offered by software companies, allowing her to make informed decisions on where to invest money and time.
- skills.