# ALEX CHEN

**Software Developer**

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## PROFESSIONAL SUMMARY

Recent Computer Science graduate with 2 years of hands-on experience through internships and personal projects. Passionate about full-stack development with expertise in JavaScript, Python, and modern web frameworks. Strong problem-solving skills and collaborative mindset, seeking to contribute to innovative software solutions.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, Java, C++, SQL, HTML5, CSS3  
**Frameworks & Libraries:** React.js, Node.js, Express.js, Django, Flask, Bootstrap  
**Databases:** MySQL, PostgreSQL, MongoDB, Redis  
**Tools & Technologies:** Git, Docker, AWS, Jenkins, Jira, VS Code  
**Operating Systems:** Windows, macOS, Linux (Ubuntu)

## EDUCATION

**Bachelor of Science in Computer Science**  
*University of California, Berkeley* | Berkeley, CA  
*September 2020 - May 2024*  
- **GPA:** 3.7/4.0 - **Relevant Coursework:** Data Structures, Algorithms, Database Systems, Software Engineering, Web Development - **Dean’s List:** Fall 2022, Spring 2023

## EXPERIENCE

**Software Development Intern**  
*TechStart Solutions* | San Francisco, CA  
*June 2023 - August 2023* - Developed and maintained web applications using React.js and Node.js, serving 10,000+ daily users - Collaborated with senior developers to implement new features, reducing page load time by 25% - Participated in code reviews and agile development processes using Scrum methodology - Created comprehensive unit tests achieving 90% code coverage

**Junior Developer Intern**  
*InnovateLab* | Remote  
*January 2023 - May 2023* - Built RESTful APIs using Python Django framework for mobile application backend - Optimized database queries resulting in 40% improvement in response time - Worked with cross-functional teams including designers and product managers - Documented API endpoints and maintained technical documentation

## PROJECTS

**E-Commerce Platform** | *Personal Project*  
*March 2024 - May 2024* - Developed full-stack e-commerce application using React.js, Node.js, and MongoDB - Implemented user authentication, payment processing with Stripe API, and inventory management - Deployed on AWS EC2 with automated CI/CD pipeline using GitHub Actions - **Technologies:** React.js, Node.js, Express.js, MongoDB, Stripe API, AWS

**Task Management App** | *Team Project*  
*September 2023 - December 2023* - Led team of 4 developers to create collaborative task management application - Implemented real-time updates using WebSocket technology and Redux for state management - Designed responsive UI/UX supporting both desktop and mobile platforms - **Technologies:** React.js, Socket.io, Redux, PostgreSQL, Material-UI

**Machine Learning Stock Predictor** | *Academic Project*  
*February 2023 - April 2023* - Developed stock price prediction model using Python and scikit-learn - Achieved 78% accuracy in predicting short-term price movements - Created data visualization dashboard using Matplotlib and Plotly - **Technologies:** Python, scikit-learn, Pandas, NumPy, Matplotlib

## CERTIFICATIONS

* **AWS Certified Cloud Practitioner** | Amazon Web Services | *March 2024*
* **JavaScript Algorithms and Data Structures** | freeCodeCamp | *January 2024*
* **Responsive Web Design** | freeCodeCamp | *December 2023*

## ACHIEVEMENTS

* **Hackathon Winner:** 1st Place at UC Berkeley CodeFest 2023 for developing accessibility-focused web application
* **Open Source Contributor:** Contributed to 5+ open source projects on GitHub with 200+ stars combined
* **Teaching Assistant:** Computer Science 101 course, mentored 30+ students in programming fundamentals

## LANGUAGES

* **English:** Native
* **Mandarin:** Fluent
* **Spanish:** Conversational