JOHN DOE

Software Engineering Intern Candidate

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💼 LinkedIn | 💻 GitHub

EDUCATION

University of California, Berkeley
Bachelor of Science in Computer Science
Expected Graduation: May 2025 | GPA: 3.8/4.0

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Systems, Machine Learning

SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, C++, SQL

Frameworks & Libraries: React, Node.js, Express, Django, Flask, TensorFlow, PyTorch

Tools & Technologies: Git, Docker, AWS (EC2, S3, Lambda), PostgreSQL, MongoDB, Redis

Soft Skills: Team Leadership, Problem Solving, Communication, Agile Development

EXPERIENCE

Software Engineering Intern | Tech Startup Inc. | San Francisco, CA

June 2024 - August 2024

- Developed and deployed a full-stack web application using React and Node.js, serving 10,000+ users
- Improved API response time by 40% through database query optimization and caching strategies
- Collaborated with cross-functional team of 5 engineers using Agile methodologies
- Implemented automated testing suite with Jest and Cypress, increasing code coverage to 85%
- **Technologies:** React, Node.js, Express, PostgreSQL, Redis, AWS

Research Assistant | UC Berkeley AI Lab | Berkeley, CA

January 2024 - Present

- Conducting research on natural language processing and machine learning models
- Developed a sentiment analysis model achieving 92% accuracy on benchmark datasets
- Presented findings at undergraduate research symposium
- **Technologies:** Python, TensorFlow, PyTorch, NumPy, Pandas

PROJECTS

E-Commerce Platform | Personal Project

- Built a full-stack e-commerce application with user authentication, product catalog, and payment processing
- Implemented RESTful API with Node.js and Express, integrated with Stripe for payments
- Deployed on AWS using EC2, S3, and RDS with CI/CD pipeline
- **Technologies:** React, Node.js, Express, PostgreSQL, AWS, Stripe API
- **Link:** github.com/johndoe/ecommerce-platform

Machine Learning Image Classifier | Academic Project

- Developed a convolutional neural network for image classification with 95% accuracy
- Trained model on dataset of 50,000 images using transfer learning with ResNet
- Optimized model performance through hyperparameter tuning and data augmentation
- **Technologies:** Python, TensorFlow, Keras, NumPy, Matplotlib

Real-Time Chat Application | Hackathon Project (1st Place)

- Built a real-time messaging application with WebSocket support for instant communication
- Implemented features including group chats, file sharing, and message encryption
- Won first place at UC Berkeley Hackathon among 50+ teams
- **Technologies:** React, Socket.io, Node.js, MongoDB

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** | Amazon Web Services | March 2024
- **Machine Learning Specialization** | Coursera (Stanford University) | January 2024

AWARDS & HONORS

- **Dean's List** | UC Berkeley | Fall 2023, Spring 2024
- **First Place, UC Berkeley Hackathon** | October 2024
- **National Merit Scholar** | 2021

LEADERSHIP & ACTIVITIES

President, Computer Science Student Association | UC Berkeley | 2024-Present

- Lead organization of 200+ members, organizing tech talks and networking events
- Coordinated annual hackathon with 500+ participants and $10,000 in prizes

Volunteer Coding Instructor | Code for Good | 2023-Present

- Teach programming fundamentals to underprivileged high school students
- Mentored 20+ students in Python and web development