

Shubhangi Verma

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EDUCATION

University of California, Santa Cruz
Bachelor of Science in Computer Science

June 2023
Santa Cruz, CA

SKILLS

- **Languages:** Python, C, C++, Java, Javascript, CSS, HTML, SQL, RISC-V, Haskell, R, MATLAB
- **Soft Skills:** Agile, Critical Thinking, Collaboration, Adaptability, Detail-Oriented Mindset, Design
- **Tools:** Git/Github, Linux, VirtualBox, Jenkins, Jira, Tableau, Django, MongoDB, Kubernetes, REST API, AWS

RELEVANT EXPERIENCE

Stealth Startup

June 2023 - Present

Software Engineer

Bay Area, CA

- Work across the full stack, employing my expertise in Python, C++, and frontend languages to design, implement, and optimize AI-driven solutions to enhance the music production process
- Develop new features and infrastructure enhancements to strengthen the platform's capabilities and user engagement, such as live collaboration tools, virtual instrument integration, and interactive music visualization
- Implement a comprehensive analytics system that provides real-time insights into user behavior

Hoolock

December 2022 - January 2023

Web Developer

Bay Area, CA

- Utilized HTML, CSS, and JavaScript to design and implement web pages and improve website functionality
- Created an e-commerce mechanism, resolved user authentication, implemented responsive design principles to ensure website was optimized for different devices, and ensured that the website was appealing and user-friendly
- Maintained and troubleshooted existing codebase, ensuring that the website remained stable and bug-free

WhoozCooking

June 2022 - August 2022

Software Engineering / Data Analytics Intern

Boston, MA

- Created Python scripts to extract customer data from 1,000+ receipts to utilize for future mailings
- Worked cross-functionally to define problem statements, collect data, build analytical models, make recommendations, and leverage tools like Python, R, and SQL to drive efficient analytics

ThoughtSpot

June 2021 - Sept. 2021

Site Reliability Engineering Intern

Sunnyvale, CA

- Collaborated with the SRE, TPM, Engineering, and DevOps team to define and execute the migration of the existing software patch management system into a fully automated and streamlined workflow
- Developed, tested, and implemented the automation of the initial stage of the patch creation process
 - Created a tool that would improve the company's ability to rapidly and efficiently report, track, query, and monitor patches in a large-scale environment

PROJECTS

Cryptocurrency Price Prediction | Python

May 2023

- Applied deep learning techniques such as Recurrent Neural Networks (RNNs) and Long Short-Term Memory (LSTM) networks to predict cryptocurrency prices by analyzing historical price data and capturing complex patterns and dependencies within the market to make informed predictions.

Public Key Cryptography | C

December 2021

- Developed the cryptographic system that encrypts and decrypts files with a generated public/private key pair
- Encrypt a plaintext message to cipher text using the intended receiver's public key, and decrypt to plaintext with the corresponding private key