Shubhangi Verma

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EDUCATION

University of California, Santa Cruz — **June 2023**
Bachelor of Science in Computer Science — *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 to design, implement, and optimize highly scalable AI-driven solutions that enhance the music production process
- Develop new features and infrastructure development in support of rapidly emerging business and project requirements that enhance the platform's capabilities, such as live collaboration tools, virtual instrument integration, and interactive music visualization
- Implement a comprehensive analytics system that provided 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 creation process into a fully automated and streamlined workflow
- Created and maintained documentation that focused on a shared vision of a automated patch management system with scale, reliability, operability, and performance in mind
- 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 — **December 2022**
- 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.