Sumer Shinde

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Availability for Summer 2024 Internship

Education

Northeastern University, Khoury College of Computer Sciences, Boston, MA	Sept. 2022 - Present
Candidate for a B.S. in Computer Science & Mathematics	Expected: May 2026

        GPA: 4.0/4.0

        Achievements: Dean's List, Dean's Merit Scholarship

        Relevant Coursework: Algorithms and Data, Object-Oriented Design, Fundamentals of Computer Science 1 & 2, Discrete Structures, Differential Equations & Linear Algebra, Linear Algebra, Logic and Computation

Shrewsbury High School, Shrewsbury, MA	Aug. 2018- June 2022

        Achievements: MIT MSEF Honorable Mention, MetroHacks 2019 2nd Place Winner, US President's Volunteer Service Award, Acton-Boxborough State Computer Informatics Competition Finalist

Skills

Programming Languages: Java | Kotlin | SQL | Python | HTML | CSS | JavaScript | C++ | ACL2 (LISP Dialect)

Software: IntelliJ IDEA | GitHub | Eclipse | SQL Server Management Studio | PyCharm | Power BI | Microsoft Visual Studio Code | Figma | Supabase | Netlify | Solidworks

Tools: JUnit | JavaFX | Git | XML | pandas | Scikit-learn | JSON | sqlAlchemy | NumPy | matplotlib | React | ExpressJS

Experience

Priceline, Norwalk, CT (Hybrid)	
Incoming Data/ML Engineer Co-op	January 2024 – June 2024
CVS Health, Woonsocket, RI (Remote)	
Software Engineer Intern	May 2023 – August 2023

- Created dynamically generating SQL queries that perform pivot operation on data to display the monitoring type for each device, enhancing data visualization and analysis capabilities by finding gaps in monitoring tools.
- Optimized Python program for Database Scorecard, achieving 63% increase in scoring speed (~40 mins → ~15 mins)
- Generated visual in Power BI for this scoring to track progress and identify high-quality data attributes for operational management database.
- Developed Python program to send ICMP ping to CVS devices to determine device activity/inactivity, and do not have a fully qualified domain name.

Kubotek Kosmos, Marlborough, MA	
Intern Software Developer II	June 2022 – August 2022

- Implemented C/C++ based tests for feature recognition and comparison, enhancing accuracy and reliability of testing process.
- Utilized Catia and SolidWorks to model and manipulate objects, demonstrating advanced proficiency in industry-standard software tools.

Intern Software Developer I	July 2021 – August 2021

- Added C/C++ based sample code for libraries, providing valuable resources for documentation and testing purposes, enhancing usability and reliability of the software.
- Conducted thorough testing and debugging of C/C++ codebase, ensuring reliability and stability of software during developmental phase.

Code Ninjas, Northborough, MA	
Coding Instructor	December 2019 - February 2022

- Mentored and guided students in programming fundamentals, fostering passion, and cultivating technical skills.
- Assessed and evaluated assignments, delivering constructive feedback to enhance coding proficiency.
- Led engaging presentations, inspiring new students and showcasing career opportunities in programming.

Projects

Green Living Exchange	March 2023

- Developed Full stack website application of a forum for green living enthusiasts to share their ideas on how to live renewably.
- Created online database and API for application data, using Supabase.
- Built front-end using the React library and deployed website on Netlify.

Interests

Professional: AI/ML, Data Science/Engineering; Personal: Running, Basketball, Watching Sports, Skiing, Car Enthusiast