

Shlok Shetty

214-236-7140 | Shloks4@uw.edu | linkedin.com/in/shlok-shetty | github.com/shlokshetty4

EDUCATION

University of Washington — Seattle <i>Bachelor of Science in Informatics: Data Science, Minor in Applied Mathematics</i>	Seattle, WA Expected Dec 2026
Relevant Coursework: Advanced Data Science Methods, Machine Learning, Artificial Intelligence, Data Structures & Algorithms, Databases and Data Modeling, Probability, Linear Algebra, Data Visualization	

EXPERIENCE

Software Engineering Intern <i>Crest Data</i>	Jan 2026 – Present
<ul style="list-style-type: none">Built production backend services in Python integrating REST APIs (Jira, VirusTotal) to process 500+ daily alerts at scale, reducing manual triage time by 75%.Engineered a threat intelligence pipeline achieving 95% classification accuracy and sub-3-minute response times using automated domain reputation and malware association analysis.Developed a secure alert workflow handling 15K+ monthly alerts with 99.2% uptime using structured logging, retry logic, and over 80% automated test coverage.Collaborated with security analysts to refine alert classification logic and reduce false positives in production.	
Software Engineering Intern <i>Larsen & Toubro Technology Services</i>	Jun 2025 – Aug 2025
<ul style="list-style-type: none">Built an OCR-powered receipt processing system to extract structured financial data from PDF documents.Developed Python backend APIs for text parsing, table generation, and file handling.Designed a React/JavaScript interface displaying original receipts alongside extracted fields for user validation.Implemented CSV and Excel export functionality to integrate processed data into enterprise financial systems.	
Data Science Intern <i>University of Washington — Men's Basketball</i>	Jan 2025 – Apr 2025
<ul style="list-style-type: none">Partnered with coaching and analytics staff in an Agile workflow to define requirements and deliver analytical tools.Built statistical models to rank 2,000+ NCAA transfer portal players using performance metrics and team context.Automated data ingestion and processing pipelines to ensure up-to-date player evaluations for scouting decisions.Designed an advanced player grading model combining box-score and play-level indicators into a single scouting score to support transfer evaluations.Built lightweight reporting/visualization outputs (rank tables, role fits, trend views) to communicate insights clearly to coaches and front office stakeholders.	

PROJECTS

AI Story Generation Agent (Ollama) Python	Jan 2026
<ul style="list-style-type: none">Built an AI agent using Ollama to generate long-form stories with controlled narrative structure, tone, and character consistency.Engineered prompt templates and iterative generation logic to maintain coherence across multi-step outputs.Added user-controlled parameters for genre, pacing, narrative voice, and story length.	
NFL MVP Prediction Model Python, Scikit-Learn	Jan 2025
<ul style="list-style-type: none">Developed a logistic regression model using 17 passing and rushing metrics to predict NFL MVP outcomes.Applied feature scaling and an 80/20 stratified train-test split to ensure balanced evaluation.Generated probabilistic forecasts and correctly predicted Josh Allen as the 2024 NFL MVP.	

TECHNICAL SKILLS

Languages: Python, R, Java, SQL, MATLAB, JavaScript, HTML/CSS, C/C++
Libraries/Frameworks: Pandas, NumPy, Scikit-Learn, PyTorch, TensorFlow, ggplot2
Tools: Linux/UNIX, AWS, Tableau, Power BI, Git, LaTeX, Excel, CUDA