

Nathan Le

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EDUCATION

Virginia Tech

Bachelor of Science

Blacksburg, VA

Expected May 2026

Major in Computer Science

Relevant Coursework: Data Structures and Algorithms, Software Design, Computer Systems, Artificial Intelligence, Mobile Software Development

Certifications: AWS Certified Cloud Practitioner

WORK EXPERIENCE

FloQast

Summer 2025

Software Engineer Intern

- Delivered features for a SaaS platform serving accounting teams through agile development practices including Jira sprint planning, daily stand-ups, and collaborative code reviews
- Implemented full-stack functionality using responsive React components and RESTful API endpoints to streamline accounting workflows, improving data processing efficiency
- Performed code reviews, automated testing, and deployment across multiple environments using Git and CI/CD pipelines, ensuring high code quality and reliable deployments
- Collaborated with a 4-person intern team to build a data management interface with dynamic filtering and real-time updates to streamline accounting processes, reducing data lookup time by 28%

Languages & Technologies: JavaScript, TypeScript, React, Node.js, MongoDB, AWS, GitHub

PROJECTS

DreamCatcher App

Sept 2024 – Nov 2024

- Developed a mobile application for users to document and organize their dreams, featuring dynamic list and detail views that simplified the dream journaling experience
- Engineered a SQL database with relational data models using Room ORM for efficient data storage, enabling quick search and seamless data updates
- Leveraged SQL queries to analyze user data, enabling dynamic filtering and reflection tracking features that helped users identify personal dream patterns

Languages & Technologies: Kotlin, SQL, Java, Room ORM

Dictionary Attack

Apr 2024 – May 2024

- Built a password security program using SHA256 and SHA512 algorithms to simulate dictionary attacks, demonstrating password vulnerability through timed cracking attempts
- Utilized Tableau to create scatter plot visualizations showing time-to-crack relationships for different password types, illustrating password strength patterns and attack success rates

Languages & Technologies: Python, Tableau

Social Media Analytics Dashboard

Nov 2023 – Dec 2023

- Developed a social media analytics dashboard using Java GUI components and bar charts to help influencers visualize engagement data and track performance trends
- Implemented CSV data parsing to automatically extract engagement metrics including likes, posts, followers, comments, and views, eliminating manual data entry and reducing analysis time
- Led a 4-member team through project development, managing version control and task coordination using GitHub

Languages & Technologies: Java, GitHub

SKILLS

Technologies: React, Node.js, MongoDB, MySQL, AWS, Azure, Linux, Git, Bash

Languages: JavaScript, TypeScript, Java, Python, HTML, CSS, SQL, Kotlin