

# ELCHIBEK DASTANOV

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## EDUCATION

### North American University (NAU)

*Bachelor of Computer Science, Software Engineering*

Jan 2026 – Expected 2027

*Houston, TX*

### SolBridge International School of Business

2023 – 2024

*Bachelor of Business Administration (BBA) — Tech Entrepreneurship*

*Daejeon, South Korea*

## EXPERIENCE

### WedevX

Oct 2025 – Nov 2025

*Software Engineer Intern*

- Shipped **React** UI and backend API updates across **Java**, **Node.js**, and **MongoDB**, improving a core workflow by **15%**.
- Cut endpoint latency by **20%** via **query tuning** and **MongoDB indexing**; validated using profiling and production logs.
- Improved release reliability by fixing defects and tightening **input validation** and edge-case handling; supported **PR reviews** and **CI checks**.
- Converted ambiguous requirements into scoped tasks, documented acceptance criteria, and shipped changes with minimal rework.

### GrowthHungry Academy

Mar 2025 – Mar 2026

*Software Engineering Fellow*

- Built production-style full-stack applications using **Spring Boot** and **PostgreSQL**, emphasizing clean architecture and maintainable APIs.
- Implemented **JWT auth** + **RBAC** with consistent validation/error handling; wrote unit and integration tests using **JUnit** and **Mockito**.
- Practiced iterative refactoring and API design with **DTOs** and clear service boundaries to keep changes reviewable and scalable.

## PROJECTS

### LearnFlow | Full-Stack / AI (*Spring Boot, React, PostgreSQL, Docker*)

Jan 2025 – Present

- Delivered end-to-end features across **REST APIs**, **PostgreSQL schema** changes, and client workflows; secured routes with **JWT** + **role-based authorization**.
- Integrated **LLM-driven tutoring** and quiz generation with **timeouts**, **retries**, and **safe fallbacks** to keep user flows reliable under failures.
- Structured the backend using reusable **DTOs** and **service-layer boundaries** to keep controllers thin and changes localized as complexity grew.
- Hardened APIs with **structured validation** and **consistent error responses** to reduce edge-case failures and simplify client handling.

### DocuMind | RAG / Backend (*FastAPI, Vector DB, React*)

November 2025 - December 2025

- Built document **ingestion** + **chunking** and **semantic retrieval** for multi-document Q&A; reduced search-to-answer time by **90%** vs. manual lookup.
- Improved answer relevance using **metadata filtering** and retrieval tuning across large document sets.

## TECHNICAL SKILLS

**Languages & Web:** Java, JavaScript/TypeScript, Python, SQL, REST APIs

**Frameworks:** Spring Boot, React, Node.js, FastAPI

**Databases & Tools:** PostgreSQL, MongoDB, Docker, Git/GitHub, CI/CD

**Testing & Security:** JUnit, Mockito, JWT, RBAC

## LEADERSHIP & AWARDS

### Global Startup Center

Aug 2023 – Dec 2023

*Vice President*

- Coordinated student startup programming by aligning teams, timelines, and stakeholders; improved execution consistency.

### National Council on Civil Advocacy (NCCA)

May 2025

*Youth Leadership Program (Capitol Hill)*

- Selected from **1,000+** college students nationwide for a competitive one-week leadership program.

### Regional Robotics Olympiad (LEGO Sumo)

2019

*Bronze Medal (3rd Place) — Team Lead*