

NINI TRAN

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## **PROFESSIONAL SUMMARY**

Civil/Structural Engineer with multidisciplinary experience in **structural design, BIM modeling, and construction planning**. Proficient in AutoCAD, Revit, Vertex BD, ETABS, SAP2000, SAFE, with a strong background in **structural analysis, code compliance (CBC, ASCE 7-16), and collaborative project delivery**. Experienced in both residential and commercial projects, delivering accurate, efficient, and client-focused solutions. Currently pursuing an **M.S. in Structural Engineering at San José State University**, building on a **B.S. in Civil Engineering** and an **A.S. in Architecture**.

EDUCATION

## ***M.S. in Structural Engineering***

San Jose State University – San Jose, CA

2024 – Present (Expected 2026)

### **A.S. in Architecture** (Dean's List, GPA 4.0)

West Valley College – Saratoga, CA

2021 - 2023

## ***B.S. in Civil Engineering***

International University – Vietnam National University, Ho Chi Minh City, Vietnam

Graduated: 2019

#### **PROFESSIONAL EXPERIENCE**

**Structural Designer** | Beamable/LADC Engineering, Cupertino, USA | Aug 2022 – Present

- Design structural systems for residential and commercial projects, ensuring compliance with codes and client specifications.
  - Perform structural calculations for beams, columns, and load-bearing elements using ForteWEB and Excel, aligned with CBC and ASCE 7-16 standards.
  - Produce and coordinate detailed structural drawings and BIM models in AutoCAD, supporting accurate project delivery.
  - Partner with architects and project managers to integrate structural solutions into overall building designs.
  - Support internal design reviews and contribute to quality control across multiple projects.

**Instructional Student Assistant | San Jose State University, San Jose, USA | Fall 2024**

**CE164 - Design of Wood Structures**

**CE163 Design of Steel Structures**

**Junior Planner | Applied Engineering, San Jose, USA | 2020 – 2022**

- Planned and scheduled jobs and materials to support on-time project execution.
- Created and maintained detailed project schedules and work programs; tracked progress against milestones.
- Monitored budgets, procurement workflows, and delivery timelines to ensure cost-effectiveness and schedule adherence.
- Evaluated supplier performance for quality, timeliness, and alignment with project goals.

**BIM Engineer | Simpson Strong-Tie, Vietnam | 2019 – 2020**

- Produced and updated U.S. residential wood-frame construction drawings in AutoCAD, Revit, and Vertex BD, ensuring compliance with client and builder standards.
- Collaborated with CAD managers and project engineers to resolve coordination and design issues, improving project accuracy and efficiency.
- Managed and organized BIM documentation, ensuring version control, quality assurance, and on-time delivery of project updates.
- Applied residential building codes (U.S.) and 3D modeling expertise to ensure design accuracy, constructability, and compliance.

**Construction Engineer (Intern) | Bach Khoa Sai Gon Construction JSC, Vietnam | 2018**

- Designed and analyzed structural drawings; contributed technical expertise to project documentation.
- Performed cost calculations and prepared financial projections.
- Used Theodolite and Automatic Level for site measurements and surveying tasks.

## **TECHNICAL SKILLS**

- Drafting & Modeling: Revit, AutoCAD, Vertex BD, Photoshop, Illustrator, 3ds Max
- Structural Analysis & Design: ETABS, SAP2000, SAFE, Microsoft Office
- Project Planning: Scheduling, procurement planning, quantity takeoff, documentation

## **LANGUAGES**

**English:** Full Professional Proficiency

**Vietnamese:** Native Professional proficiency