

# Dien Kim Tran

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Computer Science Major, Mathematics Minor

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## EDUCATIONAL EXPERIENCE

- B.S. in Computer Science at the University of Texas at Dallas (2018 - 2022)

- Courses taken/being taken:

Calculus I, II & III	Introduction to Proofs	Number Theory	Discrete Math I & II
Physics I & II	Linear Algebra	Probability and Statistics	Computer Science I & II
Data Structures & Algorithms	Computer Architecture	Engineering Ethics	Database Systems
Advanced Algorithm Analysis	Programming in Linux/UNIX	Automata Theory	Compiler Design
Software Engineering	Numerical Analysis	Prof. & Tech. Comm.	

- Cumulative GPA: 3.967. **Dean's List** for Spring 19, Fall 19

## SKILLS AND PROFICIENCIES

- Proficient in C++, Java, Python, and Go for *application development*, and HTML5, CSS, and JavaScript (ES6) for *web development*

- Experience in using *web technologies*: Node.js, Vue.js, Svelte, Bootstrap and Tailwind CSS for front-end web development

- Fluent in *graphic design, photo editing, video editing* and *compositing* with the Adobe software suite

- Fluent in *Vietnamese* (as a native)

## ACTIVITIES

- Member of **UTD Math Club**

*Every club meeting comes with an assortment of nice math problems and thought experiments, for everyone*

## PROJECTS

- Built a personal blog/website at <https://dienakakim.net> using Nuxt.js and Tailwind CSS -- ongoing project

*Planned features: database system with PostgreSQL, WYSIWYG blog post system*

- Had hands-on experience working with SQL queries, JDBC and the Hibernate ORM library in class project for CS 4347: Database Systems

*Class taken during Summer 2020 under Prof. **Michael Christiansen***

## ACADEMIC & CAREER GOALS

- Currently seeking an internship as Software Engineer in *SQL/NoSQL databases* such as PostgreSQL or MongoDB and *front-end web UI design*

- Seeking experience in *database administration (DBA), full-stack web development*