

Daniel Kim

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TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, TypeScript, SQL

Frameworks: React.js, Next.js, Flask, React Native, Express.js, Node.js., Tailwind CSS

Technologies: Google Firebase, Amazon Web Services, Agile, Scrum, Linux/Unix, Git, Google Cloud Platform, Vite, Microsoft Office, VIM, WSL

EDUCATION

Bachelor of Science in Computer Science

December 2025

The University of Texas at Dallas

GPA: 3.9

Courses: Data Structures, Advanced Algorithms, Database, UNIX, Programming Paradigms

EXPERIENCE

HackUTD Experience Coordinator

April 2024 – Current

The University of Texas at Dallas

- Organized and improved HackUTD Devday, a 7 hour workshop that taught the basics of front-end development with a **210%** increase in attendance compared to the previous year.
- Developed and presented a React workshop with an attendance of **145** students and a satisfaction rate of **96%**.
- Collaborated in a team environment with 40 other members to successfully deliver the **2nd largest hackathon** in the United States.

PROJECTS

Bibzakar | *React, JavaScript, Web Speech API, Firebase*

September 2024 - Current

<https://bibzakar.com/>

- Integrated Web Speech-to-Text API to convert user voice input to text for real-time memorization accuracy.
- Launched on **Netlify** for continuous development and public accessibility, secured information and traffic with **cloudflare**, and utilized **Google Firebase** for database and user authentication with over 100 users registered.
- Records number of attempts of memorization across users, calculating a total average of 45%.

Full Stack Application Guide | *React, Vite, JavaScript, HTML, Firebase, OpenWeather*

November 2024

[Full Stack Notion Doc](#)

- Crafted and structured the **HackUTD 2024 Full Stack Guided Project notion doc**, providing a detailed a step by step guide for novice participants during the hackathon.
- Encouraged students to develop a comprehensive full stack RSVP planning application, fostering engagement by asking hackers to customize both functionality and aesthetics according to individual preferences. Had **7 project submissions** under the guided track and **50+ hackers** utilize the resource.
- Prioritized learning through readability and simplicity in consideration of beginners and also linked to over **50 URLs** of documentation, articles, and guides.

RowdyHacks Winner - Drivo | *React Native, Expo Go, TypeScript, Flask*

October 2024

[Drivo Devpost](#)

- Developed a **colorblind driving aid** that uses a mobile device camera to process upcoming traffic patterns and notify the driver of the current traffic light color.
- Integrated a **Roboflow computer vision model** to process and return traffic pattern information with 90% confidence. Leveraged these values to display to the user the response in 3 different forms of shape, text, and hue.
- Placed a large emphasis on **accessibility** by minimizing the friction of displaying the output by optimizing the speed of processing to take 300 milliseconds to process and allowing the user to choose output type.

AWARDS AND ACTIVITIES

- Dean's List for Erik Jonsson School of Engineering and Computer Science: Spring 2023, Spring 2024
- Attended Hackathons: HackSMU V, HackUTD X