

Hong Quan Dinh

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EDUCATION

University of Texas at Dallas
BSc in Computer Science, 3.9/4 GPA

Richardson, TX
Aug. 2018 – May 2022

EXPERIENCE

Software Engineer Intern
Text-Em-All

May 2021 – Present
Frisco, TX

- Developed a voice recording feature from a JavaScript library to let clients record and send audio message in the form of mass phone call using React. Implemented states and state management for the feature using Redux. 192 users have used this feature to record 394 audio messages, totaling 284 minutes in length.
- Built all user interface for the voice recording feature and the logic behind them from scratch, including a timer, a progress bar, and an animated audio visualization graph, using Material-UI library, styled-components library, and AudioContext Web API.
- Worked on front end for 3 feature teams using React and Redux, having contributed 38 Git pull requests.

Software Engineer Intern
RealPage

May 2020 – July 2020
Richardson, TX

- Wrote and ran Selenium tests in JUnit for new features, increasing test coverage by 65%.

PROJECTS

AskUTD Alexa skill | *Node.js, Alexa Developer Console, AWS Lambda*

- Won 1st place at HackUTD 2019: Amazon Alexa category (30+ submissions).
- Developed an Amazon Alexa skill using Alexa Developer Console and Node.js to get phone number of over 20 school departments based on keywords in users' voice command. (3 other skills from the team are: get real-time parking availability in all 4 parking structures; get office locations and classroom numbers; and get school fun facts.) Skills are hosted on AWS Lambda.

Dear Bess (dearbess.herokuapp.com) | *Node.js, Express.js, Semantic UI*

- Retrieved 980+ letters in JSON format from President Truman to his wife Bess from 1910 to 1959.
- Generated sentiment graph from several sentiment analysis tools and made correlation between sentiment graph with historic events happened in that time frame.
- Developed the web site showcasing the project's findings, methods, and sources using Node.js and Express.js.

HMU | *Java, XML, Android Studio*

- Made a marketplace Android app tailored for UT Dallas community to prevent scams by only allowing keyword reply.
- Implemented ability to list item with images and log in/sign up component.

RGB-Guess (quandin99.github.io/guess-rgb-game) | *JavaScript, HTML, CSS*

- Created a simple web game to practice matching RGB values to the right colors.

TECHNICAL SKILLS

Languages: JavaScript, Go, Python, C#, C++, HTML/CSS, Java

Frameworks: React, Redux, styled-components, Material-UI, Node.js