

Timothy W. Reynolds

210-787-8121 | timothy.reynolds@utexas.edu

www.linkedin.com/in/tim-reynolds-ut | www.github.com/twr579

Education

Bachelor of Science with Honors, Electrical and Computer Engineering, December 2022

Bachelor of Arts, Classical Languages (Latin), December 2022

Minor: Business

The University of Texas at Austin

Overall GPA: 3.83/4.00

Related Courses

- **College Courses:** Software Design and Implementation I & II; Engineering Communication; Probability/Random Processes; Digital Logic Design; Discrete Mathematics; Algorithms; Intro to Engineering Design; Software Design Lab; Computer Architecture; Information Security and Privacy; Computer Vision; Senior Design Project
- **Udemy Courses:** Complete C# Masterclass by Denis Panjuta; Ultimate Web Designer & Web Developer Course by Brad Hussey

Experience

Feedback Friend Survey Application, The University of Texas at Austin, January 2022 – Present

- Collaborated in planning and documenting the design for a full stack survey app hosted on Oracle Cloud
- Programmed a prototype for creating surveys, taking them, and showing aggregate results in ~600 lines of React

Timtreks.com Hiking Blog, August 2022

- Created a dynamic, single page blog in HTML, CSS, Bootstrap, jQuery, AngularJS, PHP, and MySQL
- Included Angular UI Bootstrap collapsibles, a dropdown menu for filtering blog posts, and a directive to display a number stored in the database as a five-star rating

Timrey.nl Personal Website, July 2022 – August 2022

- Designed and created a four-page portfolio website in HTML, CSS, jQuery, and PHP
- Implemented a jQuery UI accordion and a contact page with form validation in both jQuery and PHP

Haas Website, The University of Texas at Austin, January 2022 – April 2022

- Created login and resource manager pages in ~900 lines of React for a team project
- Implemented API calls to MongoDB, password encryption, and authentication with NextAuth.js
- Practiced meeting with teammates biweekly to discuss progress and plan future work

Drum Kit GUI, December 2020

- Designed a fully functional keyboard-controlled drum kit in ~250 lines of Python
- Programmed buttons to switch between acoustic and electric modes and a search bar to search for music on YouTube

Skills

Technical Skills

- **Software** – experienced in JavaScript (jQuery, React.js, Material UI, AngularJS, Node.js, Next.js), HTML, CSS, Python (Flask, PyTest), PHP, Bootstrap, MySQL, C, and Java; familiar with MongoDB, C#, and C++
- **Technical Writing** – technical descriptions, proposals, and memos
- **Tools** – Visual Studio Code, Figma, Brackets, Linux, GitHub, phpMyAdmin, and Android Studio

Communication Skills

- **Presentations** – organized and presented concise, persuasive slideshows
- **Teamwork** – in technical projects and presentations

Accomplishments

- **Recipient**, T.W. Whaley, Jr. Friends of Alec Endowed Scholarship, 2019 – Present