

# Samuel Hsu

[samuelhsu.work@outlook.com](mailto:samuelhsu.work@outlook.com) | (361) 827-1818 | <https://www.linkedin.com/in/samuel-hsu-b9a73b241/> | Austin, TX

## CERTIFICATIONS

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**Center for Professional Education** (*The University of Texas at Austin*)

Jan 2023

Full Stack Web Development Bootcamp Certificate

- The program covers **front-end development** and **back-end development** for a **Web Developer** to become industry ready for the software industry.  
**APIs:** Web API, Third-Party API  
**Libraries:** Node JS, React JS, Handlebars JS  
**Frameworks:** Express JS, Model-View-Controller  
**Databases:** MySQL, MongoDB

## SKILLS

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- Proficient: HTML, CSS, JavaScript, React, Bootstrap, Tailwind, GitHub, Node.js, Express.js, MERN Stack
- Experienced: MySQL, MongoDB, RESTful APIs, GraphQL, Python, TypeScript
- Familiar: Azure, Model-View-Controller(MVC), Object-Oriented Programming (OOP)

## BOOTCAMP TEAMWORK

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**Lechonks-Larder** (*MERN stack, React JS, JavaScript, GraphQL, MongoDB*)

2022

Website let users log in accounts and put Pokémon cards into personal collection which can trade with each other.

- Successful communication with team members dedicated to implementing efficient file structuring methodologies has resulted in solving 50% of conflicts in the project; successfully adopted Graph-QL and MongoDB to develop a back-end server and database.

**RecipeIO** (*MVC, MySQL, Handlebars JS, Node JS, Express JS*)

2022

Website lets users create accounts to store personalized recipe collections.

- Achieve crafting responsive user interfaces to optimize usability and accessibility. Successfully pair code with team members for troubleshooting and problem-solving to achieve objectives.

**Lively-Planner** (*HTML, CSS, JavaScript, API*)

2022

Website allows users to curate to-do lists while fostering a relaxing ambiance to promote optimal working conditions.

- Managed HTML development to ensure the code was approachable to read for the team members; successfully supported team members to ensure the proper execution of Git deployment, enabling seamless updates.

## SOLELY WORK PROJECTS

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**Samuel's Portfolio** (*JavaScript, React, Tailwind, CSS*)

2023 - Present

- Successfully created a responsive portfolio website; an implanted third-party tool enabled readers to send messages directly to the author's email.

**Samuel's Studio** (*JavaScript, React, Tailwind, CSS*)

2023 - Present

- Successfully researched and wrote mathematics logic in JavaScript language to achieve the goal of calculating frequency for music notes.

**Tomato Clock** (*HTML, CSS, JavaScript*)

2023

- Achieve front-end JavaScript and CSS skills to create an interactive, user-friendly web interface.

**Weather Dashboard** (*HTML, CSS, JavaScript, Bootstrap, API*)

2022

- Successfully implements API technology to enable users to search and access 5-day weather forecasts across various regions.

## EDUCATION

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**Texas State University**

May 2018

Bachelor's Degree in Jazz Music