

TYLER HILLIARD

JUNIOR SOFTWARE DEVELOPER

PROFILE

I started my journey in technology while pursuing my degree in Animation. Animation blends both technology and artistic creativity. After obtaining my degree, I wanted to shift into a more development/technically focused role. I've always been technical minded and this route allows me to utilize my new development skills and my creativity to create beautiful and functional applications.

HOW TO CONTACT



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PROJECTS

Roll-Out

Roll-Out is designed to break down the barrier of entry for new D&D players. It helps players go through the character creation process by breaking it up into manageable parts. A completely editable character sheet/profile is generated for the character that easily readable and editable along with a spell book and inventory.

- Utilized CSS3, HTML5, React, JSX, Cloudinary
- Designed using Reactstrap, React-Bootstrap
- Use of external D&D 5E API at <http://www.dnd5eapi.co/>



github.com/tylerghilliard94/roll-out

EXPERIENCE

Software Developer

Nashville Software School Full-time May 2020 – Present

A rigorous 6 month program teaching Full-Stack Development in a remote classroom with both individual and group settings.

- Created single page applications using HTML, CSS, Bootstrap, and React
- Use local and third-party APIs to create intuitive applications
- Create CRUD applications in an individual or group environment
- Source control/project management through GitHub Projects
- Learned how to work effectively in a professional group setting

Group Projects

Nutshell | React, HTML, CSS, React-Bootstrap

- Worked on a team of four people to create a social media react application that allows a user to create events, tasks, news articles, and events and keep track of their friends
- Full CRUD functionality that allows the user the ability to have full save, edit, and delete capabilities on any post they make
- Personally responsible for implementing the friends search functionality, and friends CRUD functionality

Volunteer/Sub-Committee Member

ACM SIGGRAPH Dec 2018 - August 2019

- Set up and take down of our workstation.
- Rendered 3D promotional ads for Youtube and Microsoft Theater.
- Attended weekly meetings and had daily communication using Slack
- Managed speakers for Papers Fast Forward and directed them onstage and explained the routine.

Tutor

Middle Tennessee State University Jan 2018 - Dec 2018

- Helped the instructors with answering questions in the classroom
- Checked on students progress and answered questions
- Stayed after classes in the lab to help with projects
- Made myself available over direct message if any large errors arose
- Helped students find the path in animation that was best for them and supplied them with resources

EDUCATIONAL HISTORY

Nashville Software School : May 2020 - Present

Full Stack Web Development

Middle Tennessee State University : December 2018

B.S. in Animation | Magna Cum Laude

President | ACM SIGGRAPH Student Chapter