

# Chad Troyer

Software Engineer  
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Creative software engineer with the ability to pick up new languages and technologies as needed, with experience in high pressure, short deadline projects in other technology related projects.

## Software Development Skills

- Debugging, JavaScript, Node.js, React, Express, Redux, RESTful API, PostgreSQL, Sequelize, Bootstrap, Flexbox, AWS, HTML, CSS, SASS/SCSS.

## Education

- DigitalCrafts** | Certificate in Software Engineering | Tampa,FL September 2020 – April 2021
- Software engineering training program covering full-stack development including, but not limited to JavaScript,, including an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.

## Software Development Portfolio

- Primer App** [react.chadtroyer.dev](http://react.chadtroyer.dev) | [github.com/cltroyer/reactproject](https://github.com/cltroyer/reactproject) March 2021
- Created add that shows the weather for the day and the sports scores for the previous night
  - Routes the allow for seeing the NHL news and also the hour by hour weather for the day in any zip code.
  - I had an issue that the API call didn't always return the expected outcome causing the mapping of the new stores to fail. To correct this I added a check to see if a headline object was returned and if not it would add an empty sting to keep the object correct.
  - The next issue was that he ESPN API would return API URLs for the headlines in a HTTP format instead of using HTTPS, when loaded would cause the browser to block the request. To fix this in the function i used the replace method to correct the URLS in the object.
  - React project built with React.

## Professional Work Experience

- Gulf Coast Fire & Integration** | Engineer/ Fire Alarm Programmer | Tampa,FL February 2017 – Present
- Managed the design ,engineer of record review/approval, and permitting of new projects.
  - Worked together with a team of certified engineers of record review/approval to ensure all code was compliant, licensing of software was up to date and all project permits were up to date.
  - Manage multi-person teams in the staring up of new fire alarm systems.
  - Created complex fire alarm programs using boolean logic in a proprietary backend database.
  - Installed, tested, and optimized BDA/DAS systems
- Advanced Engineered Systems** | Engineer | Tampa,FL February 2014 – January 2017
- Created quotes and bids of new projects based on customer requirements and aspects.
  - Managed the design ,engineer of record review/approval, and permitting of new projects.
  - Generated submittal package for permitting consisting of engineer reviewed and approved shop drawings and a package of the cut-sheets for all required material.
  - Worked together with a team of certified engineers of record review/approval to ensure all code was compliant, licensing of software was up to date and all project permits were up to date
  - Generated close-out documents for project
  - Manage multi-person teams in the staring up of structured cabling.