**Ty Jenkins**

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**Work History**

Software Developer, 03/2020 to 04/2020

Chingu.io (Online)

* Remotely planned and developed with team members from different states
* Utilized Agile methodology for project planning
* Oversaw team’s Github repo and documentation
* Built using React, Next JS, and Typescript
* Researched new technologies and software packages for use in the project

Childcare/Mental Health Worker, 10/2011 to Current

Silver Springs/Martin Luther School – Plymouth Meeting, PA

* Documented 15-18 clients' progress in confidential files
* Performed client assessments and developed treatment plans
* Utilized techniques to support clients in meeting therapeutic goals
* Devised and enhanced treatment strategies to promote continued progress
* Developed innovative programs and activities based on analysis of clients

Field Technician, 06/2007 to 06/2010

Comcast – Philadelphia, PA

* Provided tech support for all equipment installed at customers' residences
* Performed custom installation work including wall fishing, post wiring, etc
* Ensured all jobs are completed as instructed by customers' demands
* Managed all issues and resolutions within 3-4 days
* Enacted successful repairs by applying technical skills and operations knowledge
* Performed troubleshooting and diagnostics of malfunctioning equipment, machinery, tools and components

**Projects**

**Real Estate API Search (March 2020 – April 2020)** https://real-estate-fork.herokuapp.com/

Team developed using React, Next JS, and Typescript. Next Js and Typescript were new to all team members. Current functionality allows the user to input a zip code into the search bar. The app then pulls from an external real estate API which lists properties for sale in the area submitted by the user. The user can then click on a specific property which brings up a page with further details.

* Uses component architecture to minimize code in each module
* Builds dynamic pages based on the info that is user-provided
* Uses Next JS to provide streamlined design componenets

**Face Image Recognition Web App (May 2018 -- May 2019)** https://ty-smart-brain.herokuapp.com/

Created using React. It takes an image uploaded by the user and detect whether there is a face present. If so, the app will put a bounding box around the face. The app can also detect multiple faces and will display the appropriate amount of bounding boxes.

* Back-end uses Node, Express, and other Middleware (i.e cors, knex, bcrypt)
* Functionality written in Javascript
* User profiles store information in a Postgres database

**Wedding RSVP Form (June 2019 -- August 2019)** https://weddingrsvpdemo.herokuapp.com/Allows guests to submit their information through a form which is then confirmed and stored in a database. An email is automatically sent to each person to confirm RSVP.

* Built from the ground up using Javascript, HTML, and CSS
* Uses Node, Express, and Redis for back-end and front-end communication

**To-Do List Web App (May 2019)** https://yujiman85.github.io/todolist/

A to-do list web app. Allows the user to add and remove tasks , the tasks are separated by whether they are completed or not.

* Coded using Javascript, HTML, and CSS
* Manipulates the DOM using functions
* Stores tasks in local storage so data is not lost when the window is closed

**Robofriend App (July 2018)** https://robofriends-reactapp.herokuapp.com/

A react app that fetches JSON objects (the robots) and displays their picture and name on separate cards.

* Uses state to actively change the objects displayed as the user is typing

**Education**

Bachelor of Science: Information Science and Technology, 05/2007

Pennsylvania State University - University Park, PA

* Majored in Information Science and Technology with a focus on Application UX/UI
* Graduated with 3.4 GPA
* Quality Team member for IST 220, 302, 331, 440W

**Certifications**

* The Complete Web Developer in 2019: Zero to Mastery, Udemy  
  Online Course (Completed May 2019)

**Skills**

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| --- | --- |
| * Javascript * Node.js * Express.js * React (Beginner) * HTML * CSS | * Postgres (Beginner) * MySQL * Git * Github * Teamwork * Problem Solving |