

Grant Peterson

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EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE

BACHELOR OF SCIENCE

Graduation: May 2022 | Troy, NY
Dual Major: Computer Science • Information Technology and Web Science
Concentrations: Web Technologies • AI and Data
Cum. GPA: 3.47 / 4.0

DETROIT COUNTRY DAY

Grad. May 2018 | Detroit, MI

SKILLS

TECHNICAL SKILLS

Proficient with:

AngularJS • JavaScript(ES6) • jQuery • SQL
HTML5 • CSS3 • PHP • React • C/C++
Node.js • REST APIs • MongoDB • Git

SOFT SKILLS

Strong:

Public Speaking • Communication
Teamwork • Ideation • Problem Solving

WORK EXPERIENCE

GALE CENGAGE LEARNING

ACCESSIBILITY INTERN

Summer 2018 | Farmington Hills, MI

- Discovered and developed solutions for WCAG 2.0 non-compliances in Cengage databases using aXe and NVDA
- Created written reports on accessibility failures and potential solutions

USERTESTING

USER TESTER

Fall 2018 - Fall 2019 | Troy, NY

- Analyzed Client's UI's from the perspective of a potential user
- Delivered oral walkthrough of products, followed by critiques and suggestions on how to improve the UX

TECHNICAL PROJECTS

SORTING VISUALIZER | GITHUB

Spring 2020

- Built React application to visualize various sorting algorithms on variable size arrays
- Implemented bubble sort, selection sort, insertion sort, quick sort, heap sort, and merge sort

PATHFINDING VISUALIZER | GITHUB

Spring 2020

- Built React application to visualize Dijkstra's and A* path-finding algorithms.

WEATHER APP | GITHUB

Spring 2020

- Built JavaScript/jQuery application to call openweather API and display weather based on geolocation or search term

SPOTIFY PLAYLIST TOOL | GITHUB

Spring 2020

- Built MEAN stack application that uses multiple REST APIs to build custom playlists based on external factors such as weather
- Allows users to login through spotify and archive playlists to MongoDB database
- Designed and developed a REST API for the application

RECIPE BAZAAR | GITHUB

Fall 2019

- Built AMP stack social media style website for sharing and reviewing recipes

OTHER INTERESTS

MEDITERRANEAN CLUB

Spring 2020- Present

- Help plan meetings and organize fundraisers for the celebration of Mediterranean culture

BLENDER

2018 - Present

- Creating renders and animations of everyday objects from the world around me