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
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

STOCK DASHBOARD | Github
Spring 2020 | Troy, NY
- Built AngularJS application to call AlphaVantage API based on user entered search terms
- Used Google Charts to format the returned data into a chart showing the price fluctuation over the trading day

PATHFINDING VISUALIZER | Github
Spring 2020
- Built React application to visualize various pathfinding algorithms such as Dijkstra's and A*.

WEATHER APP | Github
Spring 2020 | Troy, NY

- 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