

# THOMAS NETER

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github.com/ThomasNeter

## SKILLS

### Languages

Javascript, Typescript,  
Python, C++, C#, SQL

### Tools/Frameworks

React, Redux, Node,  
REST, Jest, Sinon, Git,  
Ruby on Rails, Docker,  
AWS, MongoDB, GBQ

## EDUCATION

### Systems Design

#### Engineering 2022

University of Waterloo

- Data Structures and Algorithms (**C++**)
- Digital Systems (**C++**)
- Eng. Design (**JS**)
- Machine Intelligence (**Python**)

## INTERESTS

### Gaming

- The Elder Scrolls
- Uncharted
- Smash Bros.
- Fifa
- MW: Warzone

### Sports

- Soccer
- Running
- Boulderling
- Hiking

## EXPERIENCE

### Software Developer | Geotab

Sept 2020 - Feb 2021

- Developing a **React-Redux** tool for company-wide metadata management, using **Tabulator** and **Express** for interfacing with **Google Big Query**
- Created a **React** app to visualize 1+ million data points representing phrase-sentiment relationships by leveraging tools such as **Google Big Query**, **Material UI**, **Cytoscape**, **Plotly**, **Redux**, and **Docker**

### Fullstack Developer | 360Insights

Jan - Apr 2020

- Implemented a **React** component to overhaul the rebate details screen, integrating 360's Atlas API via **Fetch**, decreasing support-center load by 12%
- Created a data export tool that transformed data into CSV format using **React**, **Express**, and **Node-Xlsx**, providing Sales Associates streamlined access to 100+ rows of qualification data for all programs
- Collaborated in an **Agile** team with **test-driven development** principles, leveraging **Jest**, **Sinon**, **Chai**, and **Enzyme** to ensure 100% test coverage

### Web Developer | Digital Extremes

May - Aug 2019

- Spearheaded the development of DE's new **Laravel**-based website, utilizing **NodeJS**, **jQuery**, **VueJS**, **Node-Vibrant**, and **SASS**
- Designed a back-end portal using **PHP** and **MongoDB** for managing the company's future news posts and 200+ existing articles
- Created a gameshow application utilizing **Node**, **NodeCG**, and **Twitch/Mixer API's** for DE's annual TennoCon, viewed by over 50,000 live viewers

### HackHarvard | "Best Social Good Hack"

Oct 2018

- Prototyped a forum-style site using technologies such as **AWS Cloud 9** and **NodeJS**, with **Facebook Login API** for user profiles and sign-in
- Implemented malicious-user filtering using **Facebook Graph API** along with **Microsoft Text Analytics API** to screen users' posts

### Technical Analyst | Economical Insurance

Sept - Dec 2018

- Troubleshoot and resolved IT-related issues, successfully solving 300+ tickets
- Managed deployment of thousands of computer assets company-wide

### GHD Specialist | McKinsey & Co.

Jan - Apr 2018

- Regulated firm-wide migration of 26,000 colleagues' email servers
- Documented 47 process articles for the ServiceNow knowledge database