

Kenneth Nguyen

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EDUCATION

University of California, Santa Cruz

Present - June 2021

Computer Science B.S.

- Undergraduate coursework: Analysis of Algorithms, Data Structures & Algorithms, Comparative Programming Language, Advanced Programming in C++, Computer Architecture, Computer Systems Design, Web Applications
- Clubs: Vietnamese Student Association (VSA), Society of Asian Scientists and Engineers (SASE)

SKILLS

- **Languages:** JavaScript, HTML, CSS, Java, Python, Node.js, C/C++, SQL
- **Project Management:** Git, Scrum
- **Technologies/Tools:** React, Express, Webpack, Jest, Bootstrap, SQLite, APIs, Visual Studio Code, Linux, Windows

PROJECTS

Personal Website -> <https://kennethnguyen.me>

- Content of website and sections are created using JavaScript DOM manipulation and CSS styling
- Used webpack to bundle multiple scripts that handled the DOM display of page sections for code splitting
- Utilized: HTML5, CSS3, JavaScript ES6, Webpack

Reddit /r/frugalmalefashion Deal Scraper - [GitHub Link](#)

- Developed a script that scrapes the subreddit 'frugalmalefashion' for new or hot deals and sends the specified user a private message containing the desired amount of deals specified
- Included customizations for users cloning the project for their personal use such as the amount of posts scraped and sent, optional periodic interval for the script to run, and for PRAW to retrieve posts by hot/new/top
- Utilized: Python3, PRAW (Python Reddit API Wrapper)

Weather App - [Demo Link](#) | [GitHub Link](#)

- Developed a weather web app using React and OpenWeatherMap API to get data for the current weather
- Implement a submit form which takes in a user's inputted city or zip code and country and returns the location, temperature in both Celsius and Fahrenheit, humidity percentage, and the state of the location's atmosphere
- Utilized: React, Bootstrap, CSS3, JavaScript ES6, OpenWeatherMap API, Webpack

Notes App - [GitHub Link](#)

- Created a CRUD full-stack web application in which users can add, view, update, delete, and customize their own notes
- Feature for starring a note if it is important, making starred notes listed before non-star notes using SQL query
- Utilized: Py4Web, Python3, SQLite, Vue.js, Bulma (CSS framework)

WORK EXPERIENCE

Zero Degree Project

Platform Developer

June 2020 - Present

Santa Cruz, CA | Remote

- Develop an online global platform to raise awareness about limiting global warming below 1.5°C and provide tools for users to receive immediate analytic feedback about their financial spending and how it impacts the climate's temperature
- Implement tools for recording and tracking an individual's finances, converting such data to corresponding carbon emission values, and analyzing the impact it has on the climate's temperature in real time