

Andrew Ni

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EDUCATION

Purdue University

Bachelor of Science, Computer Science

West Lafayette, IN

Aug 2020 – May 2024

Select Coursework: Data Structures and Algorithms, Discrete Mathematics, Multivariable Calculus, Object-Oriented Programming, Programming in C

WORK EXPERIENCE

Purdue Hack the Future

Frontend Developer

West Lafayette, IN

Sept 2020 – May 2021

- Developed a web application using JavaScript, EJS, and Materialize to allow employees at Jessie's Kids Foundation to request funding and board members to approve or disapprove incoming requests
 - Implemented the structure of the web pages (login, request form, etc.) by using EJS and JavaScript
 - Utilized Materialize to style web pages and create a responsive front-end framework
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PERSONAL PROJECTS

Fibro

Firebase, Next.js, Node.js

fibro.dev

Jul 2021 – Aug 2021

- Developed a full stack web application that allows authenticated users to record their product inventory with details such as product name, price, and group
- Utilized Next.js to allow for enhanced user experience and application performance with Next.js's server-side rendering and static site generation
- Implemented Firebase Authentication to allow users to create or sign into an authenticated account, providing privacy and security of information
- Employed Firebase Firestore to create a database to handle and store user requests, allowing data to be displayed to authenticated users with every session

BestBuy Product Monitor

Python, Discord.py

Jul 2021

- Developed an application with Python that monitors whether certain products are in stock or are restocking on BestBuy by scraping product details with the use of BeautifulSoup
- Utilized Discord.py to send alerts to users of in-stock/restocking products through Discord webhooks
- Monitor alerts display a product's name, link, SKU, price, and an 'Add to cart' button to allow users to add the product straight to cart by utilizing BestBuy's API endpoint
- Products can be monitored by inputting the product link into the bestBuyLinks.txt file

Personal Website

React.js

andrewni.com

Aug 2021

- Developed a personal website with the use of React.js
 - Showcases my work experience and personal projects I have worked on
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ADDITIONAL INFORMATION

- **Programming Languages:** Java, Javascript, Python, C
- **Technologies:** CSS, Express.js, Firebase, Git, HTML, Materialize, MongoDB, Next.js, Node.js, React.js
- **Interests:** Stock Market, Blackjack, Weight Training, Poker