KENNY DANG

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EDUCATION

Old Dominion University – Norfolk, VA   **Expected Graduation: May 2023**

Bachelor of Science in Computer Science   *Cumulative GPA: 3.52*

Relevant coursework: Software Engineering, Object-Oriented Programming and Design, Data Structures and Algorithms, Computer Architecture, Programming for Unix, Discrete Structures, Theoretical Computer Science, Web Development

Awards: 8x recipient of ODU Monarch Scholarship, 4x recipient of Dean's List

SKILLS

- **Programming Languages:** JavaScript, C++, Java, HTML, CSS, SQL
- **Tools:** React, TailwindCSS, NodeJS, NextJS, Docker, Linux, Git, StorybookJS, Cypress, Bootstrap, Jira

WORK EXPERIENCE

Software Developer   **Aug 2022 – Present**

ODU Batten College of Engineering and Technology   *TypeScript, React, Prisma, GraphQL, NextJS, Docker*

- Assist in development of an asynchronous learning management system for future deployment to 5 different universities
- Developed over 25 responsive UI components using React and StorybookJS resulting in a sleek, modern user interface
- Resolved and debugged over 15 complex API issues in Prisma and GraphQL by utilizing Jest and ESLint, resulting in improved system stability and performance
- Upgraded test application by 100% by implementing unit testing, ensuring all edge cases were fully covered in Cypress
- Decreased latency of UI components by 20% by utilizing efficient styling techniques using React and TailwindCSS
- Managed documentation of over 30 UI components regarding project maintenance for current and future developers

PROJECTS

KND-V3 (Demo)   **Jan 2023 – Present**

Professional Portfolio   *React, JavaScript, TailwindCSS, NextJS*

- Developed a responsive professional portfolio using React, TailwindCSS, and NextJS resulting in a fast and appealing site

Helping Hands (Demo) (Info)   **Jan 2022 – Dec 2022**

Nonprofit Resource Application   *Flask, Python, MariaDB, HTML, CSS, JS*

- Developed a full-stack application that streamlines the connection of proper resources to those-in-need, volunteers, and organizations to one another in a 4 month period
- Led a team of 7 to develop the user interface for Helping Hands using Python/HTML/CSS on a Flask Web Framework
- Decreased latency of the project website by 70% by refactoring HTML/CSS/JS code and restructuring source files
- Awarded 1st place for Best Project amongst 4 different teams

WeatherLive (Site)   **Apr 2022**

Weather Forecast App   *API, JS, HTML, CSS*

- Developed a web app that accurately displays weather forecasts of over 1M+ cities using the OpenWeatherMap API
- Utilized the Unsplash API to fetch background images to accurately depict cities that are entered

Enrollment Projection (GitHub)   **Jan 2021 – May 2021**

Course Enrollment Tracker   *Java, Gradle, JUnit*

- Developed an algorithm to analyze 100+ ODU CS courses to calculate past, current, and expected course availability
- Calculated and exported the elapsed periods of course enrollment to formatted CSV cells using Apache POI
- Increased overall coverage for new features by 100% through unit & integration testing using JUnit API

LEADERSHIP EXPERIENCE

Treasurer | Vietnamese Student Association   **Jun 2020 – Jun 2021**

- Increased club membership by 40% by engaging in events that promote Vietnamese and Asian American Culture
- Decreased organizational spending by 30%, while accumulating over $950 for the Blue Dragon Children's Foundation