

# RAY ROS

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## EDUCATION

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**University of California, Los Angeles (UCLA), Los Angeles, CA**

June 2022

Bachelor of Science in Cognitive Science

w/ Specialization in Computing

- Relevant course work: Computer Science, Algorithms and Complexity, Artificial Intelligence, UX/UI Design
- GPA: 3.6
- Dean's Honor List - Winter 2019 | Spring 2019 | Winter 2020

## EXPERIENCE

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**BruinShack, Los Angeles, CA**

Front End Web Developer

January 2022 - Present

- Collaborated with web development and UI/UX design team to transition three design mockups into responsive, interactive web pages
- Implemented the "Meet The Team" page with hover animations, dynamic overlays, and conditionally rendered social media/contact information icons to beautifully showcase each member of BruinShack
- Refactored the "Contact Us" page from a Vue framework to a NextJS framework to simplify future development by utilizing NextJS routing and compartmentalizing a single Vue file into two files, a .JSX markup and a .SCSS stylesheet
- Built the "Explore More Dorms" section of the "Dorm Review" page in order to randomly present five, four, or three additional dorms depending on screen width
- Technologies - HTML | SCSS | JavaScript | React | NextJS | NodeJS | Git | Vue (previously)
- <https://bruinshack-my-contribution.vercel.app/>

## PROJECTS

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**POKéDEX Tag & Search**

<https://portfolio-rayros404.vercel.app/pokedex>

- Add tags to and search through the original 151 Pokémon by name or tag and click on each card for more details
- Designed and implemented one responsive page template for 151 dynamic routes
- Utilized three API calls, chaining two, in order to fill out necessary information
- Integrated progressive loading and memoization to increase app performance by 500%
- Technologies - HTML | CSS | JavaScript | React | NextJS

**Sudoku Solver**

<https://portfolio-rayros404.vercel.app/sudokuSolver>

- Solve any valid Sudoku puzzle in less than a second using the depth-first search algorithm
- Utilized React hooks useEffect and useCallback in order to detect invalid indices and possible complications
- Conditionally rendered and styled components depending on user input
- Technologies - HTML | CSS | JavaScript | React

## SKILLS

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- HTML
- CSS/SCSS
- JavaScript
- Git
- React
- NextJS
- NodeJS
- Python
- C/C++
- Data Structures and Algorithms
- Responsive Web Design