2525 Durant Ave
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ANDY NGO

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EXPERIENCE

Front End Developer, Intern   **Nomad**   **Fall 2020**

- Redesigned website with interactive animations and reusable **React** components.
- Implemented booking form and dynamic calendar for client reservations.
- Created style guide and templates in **Figma** for team to promote consistent design and color palette.

Front End Developer, Member   **Combat Robotics at Berkeley**   **Spring 2021 - Present**

- Created mockups and wire framing in **Figma** for the Glitch Robotics Battlebots team.
- Develop and maintain team website using **HTML, CSS,** and **Javascript.**

EDUCATION

Berkeley, CA   **University of California, Berkeley**   **Class of 2023**

- B.A. in Computer and Information Science, Expected Graduation May 2023. GPA: 3.6
- Relevant Coursework: Structure and Interpretation of Computer Programs (Python, Scheme, SQL), Data Structures and Algorithms (Java), Discrete Mathematics, Multivariable Calculus, Linear Algebra

TECHNICAL EXPERIENCE

Projects

- **Gitlet** (2021). Java-based clone of git including file tracking, additions, commits, logs, and remote branches with pushing and pulling. *Java*
- **Flare** (2021). Social media platform where users can post spontaneous events and message friends in real time. Utilized Google Maps API and Position Stacks for geocoding. *React, Express, Node.js, MongoDB*
- **2D World Generator** (2021). Fully functioning 2D video game with seed-based world generation and advanced enemy tracking using A-Star pathfinding algorithm. *Java*
- **Virtual Yearbook** (2020). Virtual yearbook with drawable pages and dynamic text that allows graduating students to participate in virtual yearbook signing during COVID times. *HTML, CSS, Javascript*

ADDITIONAL EXPERIENCE AND AWARDS

- **Computer Science Instructor** (2019 – 2020)**:** Taught Introduction to Python Computer Science course to class of 30 students.
- **Third Place, Digital Art and Design:** Awarded 3rd place for 2D design portfolio, out of 200 projects.

Languages and Technologies

- Languages: Python; Java; C; HTML; CSS; JavaScript; SQL; Scheme
- Libraries/Frameworks: React, Express, Node.js, MongoDB
- Technologies: Figma, Adobe Photoshop, Adobe Illustrator, Visual Studio, FL Studio

Hobbies and Interests

- Web Development, Cooking, Music Production, Powerlifting, Skateboarding, Video Production