

# Brandon Imai

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## EDUCATION

### University of California, San Diego

Sep 2021 – Jun 2025

Bachelor of Science in Computer Science – Cumulative GPA: 3.71

Eta Kappa Nu (HKN) Member | Berlin, Germany Study Abroad Experience (2022)

## SKILLS

*Programming Languages* – Java, Javascript, Typescript, HTML, CSS, Python, C++, C, C#, SQL, Bash/Shell

*Web Technologies* – GraphQL, Three JS, React MUI, Jest, GitHub, GitLab, Jira, Confluence, Sonarqube, Excel, Notion

## EXPERIENCE

### Northrop Grumman Corporation

Jun 2023 – Aug 2024

Software Engineering Intern

Remote/Bellevue, NE

- Developed the user interface for DARC (Deep Space Advanced Radar Capability), a cutting-edge radar system for tracking objects in geostationary orbit commissioned by the United States Space Force.
- Created components in **TS/React** to enhance the display of high-priority data, reducing the number of user actions by 15%.
- Coded hooks to fetch and manage data using **GraphQL**, improving data retrieval efficiency for the DARC system by 10%.
- Ensured accurate application of design mockups, complying with Space Force's R2C2 design guidelines for site uniformity.
- Utilized **Jira** and **Confluence** to manage tasks and documentation while participating in **Agile** iterative development.
- Presented work in demos and working groups of 80+ people with U.S government contractors and Space Force leadership.

### Baseball Forever/Pacific Umpiring Union

Jul 2021 – Present

Youth Baseball Umpire

OC/LA/SD Counties

- Expertly enforced baseball rules for youth players aged 7-18, ensuring fair play and sportsmanship throughout all games.
- Demonstrated quick decision-making skills with confidence, conviction, and accuracy in dynamic game positions.
- Maintained respectful and professional interactions with coaches and players, adeptly explaining contentious calls.

## LEADERSHIP

### Eta Kappa Nu (HKN) – UC San Diego

May 2023 – Jun 2024

Vice President – External

La Jolla, CA

- Revamped the VP External role, leading all major event planning, professional development, and HKN company outreach.
- Interfaced with 20+ companies including Qualcomm, Apple, Leidos, Northrop Grumman, and Lawrence Livermore.
- Procured over \$4,000 in corporate sponsorships for HKN, enhancing the org's overall event quantity, quality, and breadth.

### UC San Diego Club Baseball

May 2023 – Jun 2024

Co-President

La Jolla, CA

- Led the team to an unprecedented 15-5 overall record, placing 2<sup>nd</sup> in the SoPac South conference: the best finish since 2018.
- Promoted to Co-President after serving as Treasurer which saw rises of 17% in quarterly income and 20% in recruitment.

## PROJECTS

### The Fortune Teller – [Website](#) | [GitHub](#)

Mar 2023 – Jun 2023

- Developed a vanilla **HTML**, **CSS**, and **Javascript** web app that generates fortunes from 3 categories: life, love, and school.
- Led a team of 10 developers in **Agile** methodologies, overseeing sprint planning, sprint boards, and stand-up meetings.
- Project was awarded 2<sup>nd</sup> place out of 32 teams and 225+ students, receiving high praise for the demo video and UI design.

### ViriDOS – [Website](#) | [GitHub](#)

Aug 2020 – Mar 2021

- Created an original 6-hour point-and-click online video game using **React** and cutscenes edited with **Davinci Resolve 17**.
- Increased high school student engagement during the quarantine school year with over 100 total players across all grades.

### EduNation – [Website](#)

Sep 2019 – Dec 2019

- Developed a mobile app designed to aid students find textbook and tutoring resources using **Thunkable** and **Firestore**.
- Won the 2019 Congressional App Challenge from the 46<sup>th</sup> District of California under Representative Lou Correa.

## AWARDS AND ACHIEVEMENTS

**UCSD Provost Honors** – Received in 8 academic quarters by maintaining above a 3.5 GPA while enrolling in 12+ units.

**2023/24 UCSD Club Sports Academic Scholar** – Maintained > 3.5 GPA while being a part of a UCSD club sports team.

**2021 Eagle Scout Recipient** – Awarded the most prestigious honor in Boy Scouting.