< Kendall Nakai />

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Education

University of California San Diego, B.S. Computer Engineering, GPA 3.3   **Expected June 2022**
Coursework: Designing Human-Data Interactions, Software Tools and Techniques, Data Structures

Experience

UCSD Talke Research Lab, Research Assistant   March 2019 - Present
- Create a MatLab user interface to control video camera imaging settings and exhibit numerical readout
- Improve biomedical data examination efficiency of deflection in esophageal tubing through automation

iD Tech, Technology Instructor   May 2019 - August 2019
- Taught programming fundamentals, OOP, debugging, and graphical user interface to create games
- Introduced Adobe Creative Suite of video editing, illustration layout, sound design, and motion graphics

The Boeing Company, Engineering Intern   June 2017 - August 2017, July 2019
- Designed a comprehensive satellite mission and associated NX vehicle CAD model with a team of three
- Generated top-level electrical power system diagram, bill of materials, power budget, and risk analysis
- Voted by Boeing employees as 1st place aerospace project and most visionary intern out of 72 interns

Projects

TwitchCon Hackathon   September 2019
- Utilized Figma to lay out a control panel and viewer interface for interactive Twitch extension to recollect
  popular clips which became Twitch Chat's favorite out of 1400+ viewers on Twitch Developers livestream

Interactive Streamline Game   March 2019
- Developed a multi-level interactive strategy game with ability to load from specific saved game states
- Created backend logic and data structure and designed JavaFX graphical user interface game elements

Contemporary Visual Narratives   December 2018
- Photographed and edited with Photoshop and Lightroom five series for critiques, viewed by 50+

FIRST Robotics Competition   September 2014 - June 2018
- Prototyped, programmed, and manufactured four robots with a team of 20 to win 3rd seed out of 60+
- Designed using Illustrator a detailed graphic standards branding guide for visual element specifications

Skills

Development: HTML, CSS, JavaScript, Java, MatLab, C++
Design: Figma, Adobe Creative Suite (Xd, Ai, Ps, Lr, Pr, Ae), Affinity Serif Suite

Leadership

ACM UCSD, Founding Vice-President   March 2019 - Present
- Established a chapter of the world's largest computing society, designed website UI for 500+

IEEE UCSD, Professional Chair   January 2019 - Present
- Executed UCSD's largest engineering club's professional development and industry events for 1500+

Tennis, Lead a team of 20+ as Captain for 2 years, played 4 years of Varsity, coached lessons to ages 5 - 65
Volunteering, Girl Scout Gold Awardee, Key Club President, hosted 45+ service events, raised $75,000+