Irina Hallinan

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TECHNICAL SKILLS: Python, JavaScript, PHP, C++, HTML, CSS, Git, Docker, AWS

PROFESSIONAL EXPERIENCE

NASA Ames Research Center (USRA)   **Mountain View, CA**
Software Engineer   **01/2015 - 10/2022**
- Orchestrated all technical details and design of a new reporting platform for a contract totaling $190M used by 10 cross-functional teams with 200+ monthly users from interns to directors, saving managers 50+ hours per month.
- Led the design and development of a public scientific website increasing the visibility of air quality on the International Space Station, resulted in publications and a pilot program in high school chemistry classes.
- Designed and developed UIs and APIs to search and analyze engineering data such as mission safety and spacewalks, growing the number of active users from 0 to 100+ teams across 3 centers in the first 9 months.
- Revamped 3 educational web platforms for quantum scientists and students, with features such as secure video lessons and search engine, saving scientists 20+ hours per month.

nousDecor (now DesignerInc)   **San Mateo, CA**
Software Developer   **04/2014 - 10/2014**
- Led frontend implementation of a B2C interior design e-commerce startup, growing the number of users from 0 to 300+ in the first few weeks after launch.
- Responsible for improved responsiveness of the website for all web-enabled devices, adhering to the Agile software methodology to go from beta to public launch under 4 months.

Hewlett-Packard   **Palo Alto, CA**
IT Developer / Software Engineer I & II   **06/2012 - 04/2014**
- Improved the frontend of IT private cloud portal, reducing overhead cost of ordering cloud servers and services for internal cross-functional organizations.
- Responsible for frontend development and resolution of customer engineering issues.

EDUCATION

University of California, Berkeley   **Berkeley, CA**
Master of Engineering, Electrical Engineering and Computer Sciences   **05/2023**
- Focus on visual computing and computer graphics.
- Led capstone project team to assist deaf people in communicating during virtual meetings, advised by Prof. Brian Barsky, Ph.D.
- Coleman Fung Institute for Engineering Leadership certificates in Communications Mentorship and Affinity Group Leader in Human-Computer Interaction.

Rice University   **Houston, TX**
Bachelor of Science, Computer Science   **05/2012**
- Concentration in software engineering.