

## **Irina Hallinan**

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

### **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 totalling \$190M, used by 10 cross-functional teams with 200+ active 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.
- Grew the number of active users to 100+ teams across 3 centers in the first 9 months by designing and developing UIs and APIs to search and analyze engineering data such as mission safety and spacewalks.
- Revamped 3 educational web platforms for quantum scientists and students, with features such as secure video lessons and search engine, saved 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, going from closed beta to public launch under 4 months, growing the number of users 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 deliver production-ready code before deadlines.

#### **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**

**Expected 05/2023**

- Focus on visual computing and computer graphics
- Leading the capstone project in user research and app development to assist deaf and hard of hearing people with communication during virtual meetings, advised by Prof. Brian Barsky, Ph.D.
- Leading the Human-Computer Interaction student affinity group

#### **Rice University**

**Houston, TX**

##### **Bachelor of Science, Computer Science**

**05/2012**

- Focus on software engineering