

# Irina Hallinan

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[irina694.github.io/portfolio](https://github.com/irina694/portfolio)

(832) 561-8047

## SKILLS

### Design

Adobe Creative Cloud  
inVision  
Sketch  
Balsamiq

### Programming

JavaScript  
PHP  
Python  
HTML & CSS  
Templating & UI

### Software Engineering

Databases  
Git  
Web frameworks  
Package managers  
Linux  
AWS

### Art

Sketching  
Drawing  
Painting

## RECOGNITIONS

USRA SPOT Award  
2021

NASA Group Achievement  
Award  
2019

NASA Extravehicular Activity  
Office Recognition of Excellence  
Award  
2016

## EDUCATION

2020

**Interaction Design Specialization**  
University of California San Diego | [Coursera](#)

2012

**BS in Computer Science**  
Rice University | Houston, TX

## EXPERIENCE

JAN 2015

### **Software Engineer**

PRESENT

USRA | Mountain View, CA

Working closely with program managers & scientists to build NASA academic mission services websites and tools, including:

- Automation of monthly reports & internal processes
- NAMS <https://nams.usra.edu>
- International Space Station Aerosol Particle DB: <https://iss-particle-db.arc.nasa.gov/>
- Quantum <https://riacs.usra.edu/quantum>
- RIACS <https://riacs.usra.edu/>
- NASA Insight platform (internal NASA site)

APR 2014

### **Software Developer**

SEP 2014

nousdecor | San Mateo, CA

Worked closely with UX Designers and engineers to build a web application for an interior design company, including:

- 2D room simulator
- Home page & details pages UI for desktop
- Content creation & website testing

JUN 2012

### **IT Developer / Engineer I & II**

APR 2014

HP | Palo Alto, CA

Collaborated closely with engineers and program managers to build & support user interface of an enterprise IT tool, used to order services from HP Private Cloud.

## PUBLICATIONS

[1] D. Berger, M. Jones, M. Pyle and I. Patrikeeva, "Tech to the Future: Problems with Balance, Troubles with Therapy", *IEEE Potentials*, vol. 31, no. 1, pp. 34-41, Jan.-Feb. 2012

[2] G. J. D. Petrie and I. Patrikeeva, "A Comparative Study Of Magnetic Fields In The Solar Photosphere And Chromosphere At Equatorial And Polar Latitudes", 2009 *ApJ* 699 871