

# AKANKSHA GARG

## USER EXPERIENCE DESIGNER & RESEARCHER

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akankshagarg.com

### EXPERIENCE

#### UX Designer

Amazon Web Services | Seattle, USA | Apr 2020 - Present

UXD Intern | Amazon Web Services | Berlin, Germany | Jun 2019 - Nov 2019

- Design components & patterns for the AWS Design System.
- Understand user needs by gathering use cases through interviews, surveys, and so on.
- Research and analyze user needs, and evaluate current designs.
- Generate design solutions to serve the pattern functionalities and implementations.
- Create a unified design recommendation.
- Work with the AWS Design System team on writing an article that summarizes the design pattern and publish it in the documentation website.

#### Student Tech

University of Texas at Austin | Austin, TX | Sep 2018 - May 2019

- Design, develop & maintain web applications at iSchool IT lab.
- Redesign current iSchool website and student portals.

#### UX Designer

Medykin Technologies, stealth startup | SFO, CA | Apr 2018 - Sep 2018

- Designed an infant health and growth tracking app named Newbornz.
- Delivered wire frames, mock ups, high fidelity prototype.

#### Graduate Research Assistant

SIAT, Simon Fraser University | BC, Canada | Sep 2017 - Feb 2018

- Conducted a "Human Cognition & Spatial Thinking" Research (published).
- Analysed data by data encoding, time stamping & schema development.

#### Architectural Intern

Denkenbauenwohnen | Leipzig, Germany | Jul 2015 - Dec 2015

- Redesigned old heritage buildings into livable apartments.
- Participated in 2 German national architectural design competitions.

### KEY PROJECTS

#### Mental Health Tracking App

SIMS foundation | Austin, TX | Sep 2018 - Dec 2018

- Designed a mental health tracking app for musicians suffering from PTSD, anxiety & depression.
- Created sketches, wire frames, mock ups & high fidelity prototype.
- Conducted user surveys & testing, delivered a high fidelity mock up.

#### Design Analyzer

SIAT, Simon Fraser University | BC, Canada | Jan 2018 - Apr 2018

- Conducted research on application of 'Data Analytics' in parametric design domain with prof. Halil Erhan (published).
- Designed a high fidelity system prototype of a 'Creativity Support tool' to test our hypothesis.
- Conducted user testing & data analysis data based on CSI.

### EDUCATION

#### University of Texas at Austin

Program **MS in Information Studies**

Graduated **May 2020**

Major **Human Computer Interaction**

GPA 3.98

#### Simon Fraser University

Program **MA Interactive Arts & Tech**

Attended till **May 2018**, transferred to UT

Major **Human Computer Interaction**

GPA 4.0

#### Chandigarh College of Architecture

Program **Bachelor of Architecture**

Graduated **July 2017**

Major **Architecture**

GPA 4.0

### AWARDS

#### Graduate Student Fellowship

Simon Fraser University | Sep 2017

### PUBLICATIONS

#### Use of Data in Design Exploration:

**Design Analyzer** | CAAD Futures 2019 | 1st author

#### Investigating Role of Student's

**Representation Use Patterns on Spatial Thinking** | CAAD Futures 2019 | co-author

### SKILLS & TOOLS

#### Design & Research

User Experience & Interaction Design

Visual Design & Illustration, Research Methods

Usability tests, Surveys & Interviews, A/B test

Wireframes, low & high fidelity prototypes

Competitive Analysis, Affinity Diagrams,

Personas, Contextual Inquiry, Heuristic

Evaluation, Information Architecture

#### Tools

Sketch, Adobe XD, Indesign, Illustrator, Photoshop, After Effects, Media Encoder

Userzoom, Optimal Workshop, MAXQDA, Stata, Tableau, Excel, Qualtrics

Java, HTML, CSS, Wordpress, Drupal

AutoCad, ArchiCad, Rhino, Vray,

Sketchup, Grasshopper