

# SIDDHARTH MAINI

Director with 11 years of expertise in Product, UX, Data Science, Software Development, Cloud, DevOps, & Strategy

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🌐 <http://siddmaini.com>

## WORK EXPERIENCE

### Director of User & Learning Experience

#### Data Science Program @ Indiana University

📅 05/2016 - ongoing 📍 Bloomington, IN

- Helped define strategic and holistic vision that included the need for academic innovation using design thinking
- Worked as a product manager for a knowledge management system
- Worked as a hands-on DevOps systems administrator for installing a distributed cloud architecture in Amazon Web Services
- Led the creation of user interfaces and prototypes for improving usability of the learning platform
- Provided end-to-end user experience services for diverse projects
- Translated business needs into innovative learning solutions
- Led & mentored a diverse and an inter-disciplinary team
- Directed and conducted usability testing & user research

### UX Engineer / Sr. HCI Designer & Developer

#### Indiana University - Pervasive Technology Institute

📅 05/2007 - 04/2016 📍 Bloomington, IN

- Led a team of professionals to design & deliver analytics dashboards
- Increased number of users in Big Data course by over 1,500%
- Conducted research and usability testing for UX projects
- Designed and developed award-winning MOOCs, web 2.0 portals, rich internet applications (RIA), and collaboration tools for clients such as NASA, Smithsonian, & Autry

### Information Architecture & Security Co-op

#### Sherwin-Williams Company

📅 01/2006 - 02/2007 📍 Cleveland, OH

- Re-designed the intranet portal for chemical coatings division
- Increased findability by incorporating taxonomy in the CMS
- Created information architecture for the entire HR content using wireframes, use-cases, personas, and content taxonomy

### Database Engineer Intern

#### General Electric Industrial Controls

📅 06/2003 - 08/2003 📍 Lodz, Poland

- Created a tool-tracker database system for better productivity
- Designed the software interfaces
- Created business use-case requirements
- Used interviews to discern user requirements

## EDUCATION

### M.S. in Human Computer Interaction Design

#### Indiana University

📅 08/2009 - 08/2012 📍 Bloomington, IN

### M.S. in Information Architecture and Knowledge Management

#### Kent State University

📅 08/2004 - 05/2008 📍 Kent, OH

### B.E. in Computer Engineering

#### University of Pune

📅 09/1998 - 06/2003 📍 Pune, India

## CERTIFICATES

### Executive Data Science Specialization

John Hopkins University, 2017

### Cisco Certified Networking Associate

Cisco, 2004

## FAVORITE QUOTE

*"Be the change that you want to see in the world."*

Mahatama Gandhi

## STRENGTHS

 Change leader and a mentor

 Complex Problem Solving

 Culturally Sensitive Designer

## ACCOMPLISHMENTS & AWARDS

 **2015, 2015 - Best online course**  
Big Data MOOC named one of the best MOOCs by Computerworld

 **2014 - Open Source Software Release**  
Released an open-source project for creating online courses

 **2012 - Native-American Project**  
e-Humanity project recognized in the Tribal College Journal article.

 **2008 - Technology Award**  
Awarded the eScience 2008 Technology Committee Award

## PASSIONS

 Lifelong Learning

 Data Science

 Service Design

 Design Thinking

 Social Responsibility

 Problem Solving

## VOLUNTEERING EXPERIENCE

Store Volunteer  
[Global Gifts Fair Trade Store](#)

Construction Volunteer  
[Habitat for Humanity](#)

## EXPERTISE

### Soft Skills

Complex Problem Solving Creativity

Critical Thinking Decision Making

Talent Management Collaboration

### Multi-disciplinary Experience

UX Design Linux/UNIX Windows

Adobe Flex HTML/CSS Coding

Usability Testing SEO AJAX

Web Development Service Design

Systems Administration JavaScript

Design Patterns DevOps

### Design Skills

Usability Testing Surveys

Heuristic Analysis Ethnography

Wireframes Contextual Interviews

### Technologies

Photoshop Illustrator Invision

Asana JIRA Sketch Axure

Trello Balsamiq Silverback

Rhino 3D AWS/Google Cloud