

# SIDDHARTH MAINI

Learning / Design Manager with 11 years of expertise in online learning, UX, & Strategy

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🌐 <http://siddmaini.com>

## WORK EXPERIENCE

### Director of User & Learning Experience

#### Data Science Program @ Indiana University

📅 May 2016 - 📍 Bloomington, IN

- Helped define strategic and holistic vision using design thinking
- Advocated for a disruptive change in strategy based on analytics
- Translated business needs into innovative learning solutions
- Led & mentored a diverse and an inter-disciplinary team
- Adopted cost cutting measures while achieving business efficiency
- Orchestrated the adoption of Open Edx learning management system
- Managed deployment of a distributed cloud based infrastructure
- Ran a social media campaign that led to an increase in applications

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

#### Indiana University - Pervasive Technology Institute

📅 May 2007 - 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

📅 Jan 2006 - Feb 2007 📍 Cleveland, OH

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

### Database Engineer Intern

#### General Electric Industrial Controls

📅 June 2003 - Aug 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

📅 Aug 2009 - Aug 2012 📍 Bloomington, IN

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

#### Kent State University

📅 Aug 2004 - May 2008 📍 Kent, OH

### B.E. in Computer Engineering

#### University of Pune

📅 Sep 1998 - June 2003 📍 Pune, India

## CERTIFICATES

#### Executive Data Science Specialization

John Hopkins University, 2017

#### Cisco Certified Networking Associate



Cisco, 2004

## FAVORITE QUOTE





*"Once you start working on something, don't be afraid of failure and don't abandon it. People who work sincerely are the happiest."*

Chanakya

## STRENGTHS

-  Change leader and a mentor
-  Complex Problem Solving
-  Culturally Sensitive Designer

## ACCOMPLISHMENTS & AWARDS

-  **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

- Data Science
- Design Strategy
- Leadership
- Product Management
- Coding
- Usability Testing
- SEO
- Web Development
- UX Design / HCI
- Knowledge Management
- Budgets
- Information Security
- Management

### Data Science Skills

- Python
- PHP
- SQL
- Statistics
- Scala
- Data Mining
- API
- R

### Design Skills

- Usability Testing
- Surveys
- Heuristic Analysis
- Ethnography
- Wireframes
- Contextual Interviews

### Technologies

- Open Edx
- Canvas
- Trello
- Asana
- JIRA
- AWS
- Azure