

Nivedhan Manavalan

Product Designer & Technologist

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📍 4302, College Main St, #124, Bryan, TX 🌐 tx.ag/nivedhanportfolio

EXPERIENCE

UX & Product Designer; Lean Startup Researcher

STEM Space

📅 June 2016 - Present 📍 College Station, TX

Evaluated startup proposal using the Lean Startup Methodology with Startup Aggieland incubator

- Validated value proposition of education product by conducting 100 customer interviews, developing product strategy and business model
- Brainstormed and prototyped product idea within 48 hours during an innovation competition, securing second place among 12 teams

Weather General

📅 Nov 2016 - Dec 2016 📍 College Station, TX

Weather prediction startup working to provide more streamlined and accurate weather forecast for businesses

- Compiled user research into vision for Minimum Viable Product (MVP), merging unique value with familiar interface
- Created design mockups to illustrate the business model to customers and investors, generating seed funding of over \$100,000

Trucke

📅 Oct 2016 - Jan 2017 📍 College Station, TX

Local startup enabling students to move easily by leveraging shared economy and the uber business model

- Designed wireframes to communicate system capabilities to executive team and facilitate high-level strategic decisions
- Created product roadmap to ensure consistent distribution of resources

Module Lead

Tata Consultancy Services

📅 Jan 2011 - May 2015 📍 Chennai, India

Banking & Financial Services - Design & Development

- Designed and developed program to align with enterprise strategy for a regulatory project to Her Majesty's DMO, improving performance by 30%
- Analyzed and synthesized user requirements between cross functional business units for Agile project, reducing deployment time by 10%
- Developed and deployed tools to analyze database connections to solicit user buy-in for migration of platform, procuring savings of over \$200,000

PROJECTS

Annotating Trails

HCI Research Paper

📅 Oct 2016 - Dec 2016 📍 College Station, TX

Synthesis of sensemaking, annotation management and trail caching during exploratory browsing

- Conceptualized, developed & performed user testing for a functional prototype to determine knowledge retention while browsing Wikipedia
- Designed novel user interaction to enable multidimensional history browsing through nodes as a chrome extension

Comparative Shopping Experience

HCI Functional Prototype

📅 Sep 2016 - Oct 2016 📍 College Station, TX

Reimagining a shopping environment that encourages more informed purchasing decisions

- Devised, designed & developed exploratory interaction design using pie menu to aid shopping, improving user decision making by 10%
- Created lightweight and functional HTML / CSS prototype based on user research to identify pain points, enhancing task sensemaking

EDUCATION

M.S. Management Info. Systems

Texas A&M University 📅 May 2017 GPA : 4.0/4.0

B.E. Mechanical Engineering

Anna University 📅 May 2010 GPA : 71/100

LEADERSHIP & VOLUNTEER

Vice President of Marketing

Indian Graduate Student Association

📅 Sep 2015 - Present 📍 Texas A&M University

Mentor / Teacher

Bhumi - NGO

📅 July 2010 - Jan 2013 📍 Chennai, India

SKILLS

Design Thinking	—	—	—	—	—
Javascript	—	—	—	—	—
HCI	—	—	—	—	—
Axure / InVision	—	—	—	—	—
SDLC	—	—	—	—	—
Agile Development	—	—	—	—	—
Adobe CS	—	—	—	—	—
HTML / CSS	—	—	—	—	—
Wireframing	—	—	—	—	—
Prototyping	—	—	—	—	—
Learning Ability	—	—	—	—	—

MY TIME

