

SACHIN KUMARSWAMY

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OBJECTIVE

Passionate and dedicated HCI graduate seeking UX designer position at your company to contribute my best and bring smile upon clients' faces.

PORTFOLIO

<http://thinkuxdesigns.com>

EDUCATION

Master of Science

Human-Centred Design and Development, HCI, CGT
Purdue University, West Lafayette, IN, USA

GPA: 4.0/4.0

May 2017 (Expected)

Bachelor of Engineering

Electrical and Electronics Engineering

Sri Jayachamarajendra College of Engineering, Mysore, India

GPA: 9.36/10

June 2012

WORK EXPERIENCE

UX Designer & Researcher Intern | SIMULIA R&D, Dassault Systemes, USA

May – Aug, 2016

- Conducted **usability evaluation** design, post-processing and analysis of data for an upcoming product
- Created and evaluated **prototypes** and **mock-ups** for an upcoming product
- Helped in **defining** the **industry standard** for user experience research, design and evaluation and documented them
- Created a **website** for Simulia R&D internal usage, by creating mock-ups and working prototypes, later developed using advanced web technologies

Gain:

- Real world and hands on experience in **usability evaluation**
- Opportunity to apply academic knowledge of HCI to industry
- **Technical writer** and **Visual design** skills

Technologies: AXURE RP, Just in Mind Prototype, Morae, JQuery and JavaScript, HTML5, CSS3, UWA Netvibes

Methods: Agile, Design thinking workshops, Requirement analysis

UX Research Assistant | Computer Graphics Technology, Purdue University

Jan – May, 2016

- Conducted qualitative/quantitative research design and various interviews to gather data for NSF grant project
- Qualitative and quantitative data analysis

Gain:

- Field experience and expertise in conducting Interviews

IT Application developer/UX-UI designer | Deloitte, Hyderabad, India

2012 – 2015

- Collaboration as **primary developer** for web applications with architects, developers, QA analysts, product managers and business analysts across the world.
- **Suggested** the revamp of a dated (in terms of UI and UX) application, by developing **wireframes**, **prototype** and **mock-ups** which helped in **getting business to Deloitte**.
- Facilitated **Design Thinking sessions** for projects and conducted usability study

Gain:

- Team spirit and negotiation skills
- User experience design and research
- Importance of prototyping
- Learned the power of **brainstorming** and **feedbacks**

Technologies: ASP.NET MVC 5, Restful API, JQuery and JavaScript, HTML5, CSS3, Silverlight, Dynamics NAV, Balsamiq

Methods: Agile, Affinity diagramming and Persona creation

TEACHING ASSISTANT | Mathematics department, Purdue University

Aug – Dec, 2015

- Leadership in delivering **recitations** and **solve problems** for two undergraduate mathematics classes

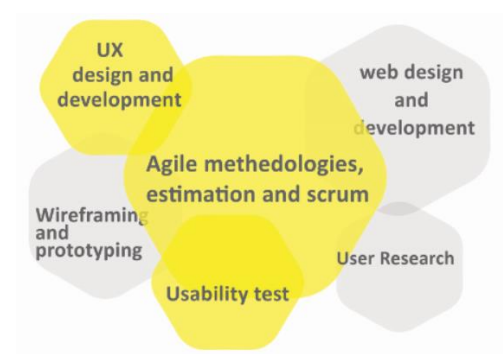
PROJECTS & HACKATHONS

- **Diary Entry App** | Human Centred Design and Development of **Diary Entry iOS application** for researchers using **low-fidelity prototype**, **hi-fidelity prototype** and complete development using **WebAPIs** with desktop client and mobile (iOS) app.
- **Interactive Visual Interfaces in Automobiles** | Human Centred Design for Car Panel with both low – fidelity and hi-fidelity prototypes using the concepts of cognitive issues, interactive visual representations and decision cycle models.

- **Formative Research** | Conducted **user research** for a college app which helps on-time completion of degree. Based on the research data, **personas, scenarios, wireframes and mock-ups** were created.
- **Oculus Rift VR game** | **Interaction design, usability study and storyboard design** for VR based educational gaming system for **America's Best Communities** Contest.
- **Mobile Usability Evaluation** | This was conducted for a **mobile app** under development by a popular company (NDA)
- **Heuristic Evaluation Report** | Complete **Heuristic and usability evaluation** of **eBay** website for academic purposes
- **Fitness Bowl** | Human Centred Design and Development of **commercial food delivery website** and implementation using **ASP.NET MVC5, JavaScript, CSS3** which is responsible and scalable.
- **UX and Responsive Design Challenge - Hackathon** | **User Experience design** of a knowledge-based discussion forum application and **Implementation** of application using **.NET** technology, **HTML5, CSS3** and hosted using **Microsoft Azure Cloud**.
- **Automated Breakdown Voltage Measurement** | Complete automation of dielectric breakdown experiment setup using **LabVIEW** program and **development of UI** for breakdown voltage measurement **sponsored by National Instruments**

TECHNOLOGY, METHODS AND SKILLS

Prototyping	Balsamiq	Just In Mind	Axure RP	
Technology & Tools	Photoshop	Morae	Visual Studio	Powerpoint
	Illustrator	NVivo/SPSS	Edge Animate	
Frameworks & Architectures	REST API	Bootstrap	AngularJS	
	.NET MVC	Silverlight		
Programming	HTML 5/CSS3	JavaScript/JQuery	C#/C++/C	



LEADERSHIP EXPERIENCE

- Deloitte Community Involvement Initiative | Hyderabad** 2014-2015
- Managed multiple visits to schools to nurture innovation, by teaching various topics
 - Organized and managed school trip to planetarium and Museums
- Designing Great Experience Training (DGE) | Deloitte, Hyderabad** 2015
- Nominated as **champion** and **SPOC** for **DGE**, active member of **DGE** community
 - Organized session plans and **provided** various **DGE training sessions** to about **150** employees
- Physics Group –IEEE | SJCE, Mysore** 2011-2012
- Created and provided various sessions at college on physics under umbrella of **IEEE**
- Design for America | Purdue University** 2015 - 2016
- **Founding Member** and **Consultant** for **Human-Centred Design Methodologies**

AWARDS AND ACHIEVEMENTS

- **UX and Responsive design challenge – hackathon winners** 2015
- **Winner of National level IBM programming contest** 2011
- **Winner of LabVIEW programming contest** 2011
- **Winner of National level case study presentation – Multi-tenancy in cloud computing – organised by Computer Society of India** 2011
- **Published author of Novel, Chaos – by the unbreakable curse** 2013
- **Received top performance rating and outstanding award for best performance at Deloitte** 2014

COURSEWORK

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| ● Human Factors in Computer Interface Design | ● Human Computer Interaction | ● Qualitative Research Methods |
| ● Development of Graphics in Technology | ● Cognitive issues in HCDD | ● Business Statistics |
| ● Info Tech Project Management | ● Educational Software Design | ● Research and Analysis in Industries |