Shomona Mukherjee

Digital Enthusiast | Carnegie Mellon University Graduate

(412) 773 – 0269 | shomonam@andrew.cmu.edu | www.linkedin.com/in/shomona-mukherjee | http://shomonamukherjee.com

A lifelong learner with 3 years of product development experience, a bachelor in computer science and master's in information systems management

- Experienced in all phases of product development life cycle using Agile methodologies
- Skilled in strategic planning, requirement gathering, customer & competitor analysis, project management
- Worked in the Media, Entertainment and Healthcare industries
- Knowledgeable in object oriented programming, software engineering, web technologies, database management systems, UX design

Academic Qualifications

Carnegie Mellon University, Master of Information Systems Management	*December 2019*
PESIT, B.E. in Computer Science	*April 2015*

Work Experience   36 Months

Deloitte Consulting – Deloitte Digital, Business Technology Analyst · *August 2015 to August 2018*

Contributed in cross-functional agile teams as a technical consultant on multiple digital transformation projects for Fortune 500 clients.

- Designed, developed and launched an internal web portal to recognize hand gestures while video conferencing across digital studios.
- Accomplished a 20% increase in sales, as measured by customer conversion rate, by iterating on user experience design for a B2C e-commerce platform.
- Engineered the front-end architecture of a salesforce based web application to help roadmap client products for release.
- Collaborated with user experience designers and creative directors as a technical lead to deliver a product solution for external healthcare professionals to apply for investigator-initiated research.
- Attained a 60% decrease in researcher test data errors, as measured by weekly error reports, by changing the process flow and entry mechanism for test data.
- Programmed a mobile first application to help ready access to integrity rules for client employees.
- Boosted user experience score by 55%, as measured by internal usability testing, by working with business stakeholders to determine new requirements and articulate user needs.
- Authored the script and composed an explainer video for the launch of a contextually aware healthcare system.
- Prioritized enhancements and new features while communicating product vision and business priorities to the engineering and design team on a portal for developing innovative solutions for animal health.

Projects

- **Customer Lifetime Value:** Identified outliers and performed analysis on 4,200 transactions to calculate the customer lifetime value of an e-commerce company using data science techniques in Python.
- **Bank Failure Prediction:** Analysed data on US bank failure from 2007 - 2010 to predict banks likely to fail in the future by training a supervised machine learning model in Python.
- **NutriByte:** Developed a java based desktop application that helps users track their nutrition. It utilizes data provided by the US government (https://www.usda.gov/) to help consumers track and log nutrition according to the products they consume.
- **Augmented Reality Travel Application:** Currently working on the customer analysis of an augmented reality travel application.

Skills

- HTML, CSS, JavaScript, jQuery, SASS, Handlebars, Bootstrap, Material Design, Framework7, SailsJS, Angular, React, Java, Python, SQL
- Product Management, Digital Strategy and Delivery, Stakeholder Management, Requirements Elicitation, Agile Methodologies.
- JIRA, Microsoft PowerPoint, Microsoft Word, Microsoft Excel, Microsoft Visio.

Extra-Curricular Activities

Sujaya Foundation (Non-Profit), Volunteer · *June 2012 to July 2012*

- Ideated and experimented with technical solutions to bridge the educational gap between students of government and private schools.
- Tutored in Sujaya Foundation affiliated government schools to promote computer literacy.

Awards and Recognition

- Received Outstanding Project Performance Award (2016) for notable work on digital projects at Deloitte.
- Published an essay on media psychology with the Council for Indian School Certificate Examination.