
Alexander Starnes

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Skills

UX Methods

User Research/Testing
Storyboarding
Journey Mapping
Persona Creation
Heuristic Evaluation

Prototyping

Sketch/Adobe XD
InVision
HTML/CSS
JavaScript

Collaboration

Workshop Facilitation
Executive Communication
End User Empathy
Problem Solving
Strategic Decision Making

Foreign Languages

Intermediate Spanish

Experience

The Boeing Company - Charleston, SC

July 2017 – Current

Product Designer / User Experience Designer

- Delivering end-to-end user-centered designs that quickly create value through applying Design Thinking and Lean UX practices to analytics products that enable and improve the manufacturing process
- Implementing designs through front-end development of MaterialUI + ReactJS/NodeJS based applications
- Consulting teams by performing UI/UX evaluations of existing products, providing actionable feedback to improve usability
- Advancing the growth of user-centered design practices through teaching its value to stakeholders and end users and mentoring junior designers
- Leading design community discussions on best practices for designing the user experience of Artificial Intelligence and Machine Learning products

IT Product Specialist

- Developed a business model to establish an IT Innovation Rotation Program including personas, a lean hypothesis and measurable objectives
- Coordinated with senior IT and site leadership to execute logistics of the IT Innovation Cell such as identifying potential location, layout planning and lab equipment procurement
- Created a business process for the intake and execution of Internet of Things (IoT) projects and validated it through testing of current projects

Virtual Reality Focal

- Identified, developed and executed on use cases for Virtual Reality to enhance production and engineering capabilities
- Built a sustainable and repeatable process for the intake and completion of Virtual Reality related projects within the Innovation Cell
- Oversaw and mentored 2 Boeing-sponsored Senior Capstone teams of 4-5 students to aid in the growth of their technical and business skills

Education

Design Thinking MicroMasters, RITx

June 2019

Prof. Cert. Architecture and Systems Engineering, MITx

March 2018

B.S. Computer Engineering, North Carolina State University

May 2016

Leadership, Activities and Awards

Fulbright Scholar

Product Design Bootcamp Facilitator

March 2019

IT Career Foundation Program, Development Week Lead

March 2019 – Current

Boeing Black Employees Association, Vice President

January 2018 – Current

College of Charleston ImpactX Program, Technical Mentor

September 2017 – May 2018
