Tony Burrus

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Education

North Carolina Agricultural & Technical State University
B.S. Applied Mathematics, *summa cum laude*, December 2015

Experience

iOS Engineer, Hotwire (Expedia Inc.)
March 2018 - Present

- Collaborated with product managers and designers on the implementation of new features
- Developed custom views both programmatically and using storyboards that loaded data asynchronously
- Implemented an in-app messaging solution for our customers to chat with customer service agents
- Revamped our hotel details page to show customer reviews thereby increasing customer confidence when booking

UX Researcher, Hotwire (Expedia Inc.)
May 2016 - Present

- Helped establish a quarterly benchmarking framework that led to a 7% decrease in cancelled bookings
- Redesigned Hotwire's customer experience feedback tool which led to a 35% increase in actionable feedback
- Developed mobile and web prototypes for new product ideas as part of the labs team
- Built an Angular web app to reduce the research recruiting process from over a week to a few hours

Analyst Intern, Central Intelligence Agency (CIA)
January - May 2014, May - August 2015

- Conducted research on the behaviors, digital patterns, and personal lives of foreign assets
- Analyzed my findings to come to conclusions about the nature of several assets
- Heavily impacted critical mission-related decisions by presenting my conclusions to other Agency entities
- Utilized an iterative design process to create an internal website for use throughout the CIA

Research Intern, European Organization for Nuclear Research (CERN)
June - August 2013

- Contributed to the proposed upgrade of the LHC as part of the ATLAS (A Toroidal LHC Apparatus) team
- Conducted research on the interactions of particles with varying geometries in the ATLAS pixel detector
- Designed and ran simulations on the ATLAS pixel detector in the LHC for determination of ideal geometries
- Presented these ideal geometries to senior leadership for consideration in the proposed 2018 LHC upgrade

Skills

Strong
CSS
HTML
Objective-C
Swift
Typescript

Frameworks
Angular
Bootstrap

Knowledgeable
Java
Javascript
R

UI/UX
Affinity Designer
inVision
Sketch
Usability Testing
User Research

Honors

Apple WWDC 2015 Scholar
Mathematics 2015 Student of the Year
Physics 2012 Student of the Year

Apps

Forcely - Code Enforcement Logging
Stormy - Weather Forecasting
Hail - Photo Messaging

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