

Ashik Khatri

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EDUCATION

UNIVERSITY OF HOUSTON

PH.D. IN COMPUTER SCIENCE

Expected August 2018

GPA: 3.82

MASTERS IN COMPUTER SCIENCE

May 2015

GPA: 3.92

BACHELORS IN COMPUTER SCIENCE

May 2013

GPA: 3.6

HONORS: MAGNA CUM LAUDE

LINKS

LINKEDIN

<https://www.linkedin.com/in/ashikrk>

GITHUB

<https://github.com/CrashOverride90>

UNIVERSITY PROFILE

http://cpl.uh.edu/people/ashik_khatri/

SKILLS

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Java • C# • Swift

Python • R • JavaScript • C++

Objective-C • SQL

TOOLS

XCode • IntelliJ • RStudio •

Visual Studio • Xamarin • SVN/GIT

RESEARCH SKILLS

Research Design • Human-Computer

Interaction • Analysis • Creativity •

Critical Thinking

PERSONAL SKILLS

Self Motivated • Accountable • Quick

Learner

COURSEWORK

Software Design

Software Engineering

iOS Programming

Programming Languages

Statistical Methods in Research

INDUSTRY EXPERIENCE

NASA, JOHNSON SPACE CENTER (SGT, INC.) | SOFTWARE ENGINEER

- INTERN

Summer 2017, 2016, 2015 | Houston, TX

- Develop a cross-platform mobile application using Xamarin.
- Redesign .NET web application for enhanced UI and performance. Implemented using JQuery, Bootstrap and MVC framework. Also implement automated unit testing using Selenium and NUnit.
- Design and develop responsive distance learning website. Implement analytics - usage statistics such as most viewed lesson, amount of time spent, etc.

TEACHING EXPERIENCE

UNIVERSITY OF HOUSTON | INSTRUCTIONAL ASSISTANT

Fall 2014 – Present | Houston, TX

- Create and teach interactive iOS programming sessions. Create and grade assignments for Ubiquitous Computing course. <http://cpl.uh.edu/courses/ubicomp/fall2017/>

TECHNICAL PROJECTS

S-INTERFACE

- It is a modular plug-in based C# application for data collection. Software can record data from thermal and visual cameras as well as various other sensors. https://figshare.com/articles/OTACS_Software/4244273

MY FITNESS APP

- App allows users to perform fitness benchmarks. Each benchmark consists of four tasks: Dexterity, Fast walk, Run, and Push-ups. Leaderboard, and a time series plot of their progress is available for motivation. <https://itunes.apple.com/us/app/teen-fitness/id1059433818?mt=8>

IBURNCALORIE

- The app continuously reads the iPhone's accelerometer and GPS values to provide accurate Calorie and mileage estimation no matter where you attach the iPhone device (pocket, waist, arm, or another part of your body) by using the award-winning (CHI 2010) algorithm of the University of Houston's Computational Physiology Lab. <https://itunes.apple.com/us/app/i-burncalorie/id654854097?mt=8>.

AWARDS

2016 PhD Showcase Winner

2015 Best MS Student Award in Dept. of Computer Science, UH

<HTTP://WWW.UH.EDU/NSM/COMPUTER-SCIENCE/PEOPLE/AWARDS/>