Rahul Surti

(847) 770-5977
rahulsurti97@gmail.com

Who Am I?

Augmented Reality and iOS Software Engineer seeking internship for Summer 2018

Current Positions

GSI - Mixed Reality App Dev Intern
Research Park, Champaign, IL

Creating augmented reality experience with Microsoft HoloLens

EOH - Co-Director of Technology
Engineering Open House 2018, UIUC

Created EOH 2018 website
eoh.ec.illinois.edu

Helped ensure event with 30,000 visitors ran smoothly throughout campus

Education

University of Illinois at Urbana-Champaign

B.S. Computer Engineering, Class of 2019
Dean's List – All Semesters
James Scholar
GPA – 3.74/4.0

Skills

Core Programming
💻 Python
☕ Java, C, C++

iOS Development
 Swift, Objective-C, Xcode

Coursework - Completed
🐧 ECE 391: Computer Systems Engineering
🖥 CS 225: Data Structures
📊 INFO 490: Advanced Data Science and Machine Learning

Coursework - In Progress
>_ ECE 408: Parallel Programming
🖥 ECE 428: Distributed Systems
🔗 ECE 374: Algorithms and Models of Computation

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Experience

Yahoo - iOS Developer Intern
May 2017 – Aug 2017
iOS Mail Team
Yahoo Headquarters, Sunnyvale, CA

Individually developed Yahoo Mail Apple Watch app from scratch
Created all business requirements, use cases, design flows, entire codebase

Apple Watch app will soon be available in Yahoo Mail on App Store

Created augmented reality Yahoo Mail with ARKit for corporate hackathon
Project laid foundation for a new team at Yahoo

Capital One - Software Engineering Intern
Aug 2016 – May 2017
Automation Team
Research Park, Champaign, IL

Team was bottlenecked as a result of enormous amount of pull requests

Created bot to automate pull request reviews

Cut intensive, manual code review process by 70%

Allstate - iOS Developer Intern
May 2016 – Aug 2016
Connected Car Team
Allstate Headquarters, Northbrook, IL

Integrated Touch ID to log into Allstate's Milewise Application for iOS

redC Robotics - CAD Designer/Engineer
Aug 2015 – May 2016
Underwater Robotics Startup
Ven Te Chow Hydrosystems Lab, University of Illinois

Created innovative underwater robotics platform
Modular Remotely Operated Vehicle (ROV) for research and education

Presented underwater robot to NASA
Naval Research Laboratory, Stennis Space Center, Mississippi

Hackathon Projects

Piggy Bank
Jan 2017
Winner at Boilermake, Purdue University

Created augmented reality app using 3D, location-based tokens to track progress in building and retaining good habits

Made with Vuforia in Unity
devpost/piggy-bank

EngiN
Fall 2015
Personal Project

Individually created iOS application to provide engineers with a platform to replace a manual, handwritten engineering notebook

Engineering notebooks are typically used in design-based hardware projects
github/Engin

Riskulizer
Apr 2017
Winner at Future of Insurance Hackathon by Axis Capital

Created iPad app using a heatmap to vizualize risk for insurance industry

Hackathon was centered around risk analysis for insurance companies
devpost/riskulizer

ItineratR
Feb 2017
Winner at HackIllinois - Small World (Best Travel App) by Amadeus

Developed vacation building tool that creates full itinerary of trip including airfare, lodging, and activities
devpost/itenaratr