

# Rahul Surti

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## 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 application  
with Microsoft HoloLens

### EOH - Director of Technology

Engineering Open House 2018, UIUC

Creating official EOH iOS application  
Managing creation of official EOH website  
and Android application

## Education


### University of Illinois at Urbana-Champaign

B.S. Computer Engineering, Class of 2019  
Dean's List – All Semesters  
James Scholar  
GPA – 3.84/4.0

## Skills

### Core Programming

 Python

 Java, C, C++


### iOS Development

 Swift, Objective-C, Xcode

### Coursework - Completed

 ECE 391: Computer Systems Programming


 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

## Follow Me

 [github/rahulsurti97](https://github.com/rahulsurti97)

 [linkedin/rahulsurti97](https://www.linkedin.com/in/rahulsurti97)

 [devpost/rahulsurti97](https://devpost.com/rahulsurti97)

## 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 be available in Yahoo Mail on App Store late September

Created augmented reality Yahoo Mail with ARKit for corporate hackathon

Project continued after hackathon, new team at Yahoo is in the works

### 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

Won Best Startup Award

Innovation Living Learning Community, UIUC

## 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](https://devpost.com/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](https://github.com/Engin)

### Riskulizer

Apr 2017

Winner at Future of Insurance Hackathon by Axis Capital

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

Hackathon was centered around risk analysis for insurance companies

[devpost/riskulizer](https://devpost.com/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/iteneratr](https://devpost.com/iteneratr)