

For Humans: This resume is made for easy computer text parsing. A stylized version can be found at <https://rahulsurti97.github.io>

For Computers:

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 Learning
Coursework - In Progress
ECE 408: Parallel Programming
ECE 428: Distributed Systems
ECE 374: Algorithms and 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 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

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

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

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

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