Raj Jaisinghani

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EDUCATION

University of Maryland, College Park	**May 2021 Expected**

Computer Science, Bachelor of Science
Machine Learning Specialization

United World College of South East Asia, Singapore	**Aug 2006 - May 2017**

International Baccalaureate Program

WORK EXPERIENCE

**Winno	iOS Software Engineering Intern**	**Aug 2020 – Present**
Objective C, Swift, Xcode	*San Francisco, CA (Remote)*

- Implemented UI tweaks, bug fixes and performance updates using Objective C for Winno, news app featured on Apple's App of the Day (2020)
- Added personalised home feed for users to stay informed on topics and interests they follow

**Agile1 Tech	Software Engineering Intern**	**Jan 2020 – May 2020**
Java, Selenium, Bootstrap	*Remote*

- Involved in design and development of keyword-driven automation framework using Java and Selenium
- Developed and executed scripts to automate testing of web-based applications reducing test time by 30%
- Implemented responsive UI features to internal web application using Bootstrap

**USER Experience Researchers	Software Engineering Intern**	**Jun – Aug 2019**
JavaScript, HTML, CSS, React, Angular	*Singapore*

- Developed WeChat mini program using JavaScript and HTML/CSS for first global WeChat Developer Challenge in Singapore. Received winner of public vote award and USD$2000.
- Implemented navigation page using Baidu Maps API for users to display interactive map
- Developed reusable components for Resort World Sentosa management system using React

**Pulse Voter	Freelance iOS/Android Developer**	**Jun – Aug 2018**
React Native, JavaScript, AWS Cognito	*San Francisco, CA*

- Developed front end native mobile application using React Native for Stanford startup Pulse Voter
- Built a civic engagement platform that connects citizens to elected representatives through voting on per bill basis
- Migrated authorization flow with user pool data and social media login from AWS Cognito to Firebase

PROJECTS

Spotify Playlist Generator *React, JavaScript, HTML, CSS*
Website developed in React for users to generate and export Spotify playlists based on selected songs and features. Utilized Spotify Web API to authorize login, retrieve song data and generate algorithmic recommendations

Reach *Swift, Xcode, Python*
iOS app developed in Swift that uses natural language processing to identify users with similar mental illnesses into virtual support groups. Received 1st place award during the 2016 NewAge Hackathon in Singapore

Pneumonia Diagnosis *Python, Keras*
Implemented Convolutional Neural Network using Keras library in Python that diagnoses whether a patient has pneumonia based on an X-ray image of their chest with 90% accuracy.

SKILLS

Languages	Python, Java, Javascript, C, Objective C, HTML, CSS, Swift, SQL
Technologies & Frameworks	ReactJs, React Native, Git, pandas, NodeJS, Bootstrap, SciKit, , Docker, Xcode, Matlab