RAJ JAISINGHANI

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EDUCATION

University of Maryland College Park   College Park, MD
Bachelor of Science, Computer Science   *Aug. 2017 – May 2021*

United World College of South East Asia   Singapore
International Baccalaureate   *Aug. 2006 – May 2017*

EXPERIENCE

Winno   Aug 2020 – Present
iOS Developer   *San Francisco, CA (Remote)*
- Involved in development of front end iOS application Winno, featured on Apple's App of the Day 2020
- Implemented UI tweaks, bug fixes and performance updates using Objective C
- Added personalised home feed for users to stay informed on topics and interests they follow

Agile1 Tech   Jan 2020 – May 2020
Software Engineering Intern   *Fairfax, VA (Remote)*
- Designed keyword-driven automation framework using Java and Selenium
- Improved efficiency of testing pipeline by developing and executing automated scripts for web-based applications
- Implemented responsive frontend framework to internal web application using Bootstrap and JavaScript

USER Experience Researchers Pte Ltd.   Jun 2019 – Aug 2019
Software Engineering Intern   *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 $2000 USD
- Integrated interactive map functionality to navigation page using Google Maps Web API
- Developed reusable components for Resort World Sentosa management system in React and AngularJS

Pulse Voter   Jun 2018 – Aug 2018
Freelance iOS/Android Developer   *San Francisco, CA*
- Developed frontend 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*
- Developed website using React 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, NLTK*
- 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

AlgoTrader | *Python, Alpaca, Jupyter*
- Implemented algorithmic trading bot in Python that signals to users based on simple moving average algorithm
- Used Alpaca API to retrieve stock data, perform back testing and execute trade orders

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL , JavaScript, HTML/CSS, R, Swift, Objective C, MATLAB
Frameworks: React, Node.js, AWS, React Native, NumPy, Bootstrap, AngularJS, Scikit-learn, Git, Docker, MongoDB