JUSTIN S. NAKAMA

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EDUCATION

➢ **University of Southern California**, Viterbi School of Engineering
- B.S. Computer Science — August 2019 - Expected June 2023

TOP SKILLS

- C++
- JavaScript
- Python
- AngularJS
- Node.js
- Java

WORK EXPERIENCE

➢ **PDMFC**

Software Engineer Intern | Lisbon, Portugal — May 2020- Current
- Implemented webpage functionalities in JavaScript to capture and store aerial satellite images
- Utilized and trained YOLO convolution neural network to detect buildings, roads, roundabouts, and trees
- Created program for spawning objects in a 3D simulation for UAV collision avoidance testing
- Contributed to European Union's SECREDAS research project to increase consumer trust in automated transportation

➢ **University of Southern California**

Paid Lab Intern | Los Angeles, California — Summer 2018
- Implemented mRNA technique to genetically manipulate proteins.
- Used Python to sort millions of cancer-targeting proteins by nucleotide patterns.

Paid Lab Intern — Summer 2017
- Discovered and analyzed metabolites from fungi retrieved from the International Space Station in partnership with NASA Space Biology Program for medicinal potential.

PERSONAL PROJECTS

➢ **The Angela App, HackSC** — February 2020
- Created a platform to encourage safer public meetups and dating through discreet messaging system
- Implemented Google Maps API and SMS functionalities to create location-based networks
- Winner of xMatters' Favorite Hack, 2nd place in Civil Rights Category among 120+ hackathon submissions

➢ **NBA Most Valuable Player Prediction Model** — June 2019 - October 2019
- Developed linear regression model predict MVP of the National Basketball Association
- Analyzed statistics and team wins from over 600 different NBA MVP candidates over last 30 years
- Utilized points, rebounds, assists, steals, blocks, age, and wins statistics per player

➢ **Solar Army Database** — January 2018 - April 2018
- Built online app able to record and sort data from catalytic hydrolysis experiments.
- Worked with Caltech as Solar Energy Activity Lab Lead Member to measure electrons from splitting of water.

CERTIFICATIONS

➢ **Coursera: Machine Learning**
- Successfully completed Stanford University 11-week online course on machine learning, datamining, and statistical pattern recognition utilizing neural networks, support vector machines, and k-means clustering.