Justin Choi
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Profile:
Cleared software engineer with experience designing and deploying cloud based full stack web applications from the ground up in Agile teams. Experience troubleshooting electronic safety systems in Navy submarines.

Education and Training:
University of Nevada, Reno

May 2023	BSc., Computer Science and Engineering
May 2015	BSc., Biochemistry and Molecular Biology

Skill Distillery

July 2019 - Nov 2019	680-hour Java Full Stack Bootcamp

US Navy, Navy Electronics Technician A-School and Power School

May 2016 - Mar 2018	• Secret clearance

Career History:
TekSystems, Inc. *Colorado Springs, CO*   **Nov 2019 - Mar 2020**
Contract Software Engineer - Northrop Grumman
Subject matter expert of scenario generation process for radar simulation and software
- Quickly attained a systems overview of missile defense radar system and developed internal tool automating scenario generation process
- C++, Java, STK, MATLAB, Red Hat Linux

Skill Distillery *Denver, CO*   **Jul 2019 - Nov 2019**
Full Stack Developer
Veterans training opportunity learning how to implement full stack web applications utilizing AWS cloud solutions utilizing SCRUM and Agile methodologies.
- Designed relational databases utilizing MySQL and database access utilizing JDBC, Spring Data JPA, and Hibernate for database access
- Experience with front and back end of full stack applications and REST API's
- Utilization of metrics for optimizing feature implementations

US Navy *Charleston, SC*   **May 2016 - Mar 2018**
Nuclear Electronics Technician - Secret clearance
Completed in rate training with distinction and excelled in gaining a systems level understanding of nuclear submarines and how their associated mechanical, electrical, and hydromechanical subsystems interacted with electronic safety systems.
- Developed understanding and troubleshooting of electronic safety systems and their associated hardware and firmware utilizing tools such as oscilloscopes, multimeters, and digital analyzers
- Excelled during training and selected as part of a team to conduct quality assurance testing of educational equipment. Greatly optimized QA process through creation of supplemental maps and was awarded Captain's Letter for our efforts.

Projects:

Orfeus *MySQL, Flask, React, Material UI, AWS Services*
Full stack web application allowing users to play back and explore music generated from machine learning. Users can interact through social media features such as likes, comments, user roles, and privacy features. Key feature of the application was having user uploaded music be remixed by the generative model, OpenAI Jukebox. Communication and scheduling of asynchronous tasks between database server and model layer hosted on EC2/University compute cluster were accomplished through SQS messages, Lambda and S3 event notifications.

Tool Depot *MySQL, Java Spring Boot, Angular, AWS EC2*
Final project of Skill Distillery built from the ground up allowing users to list or rent out their tools. A major feature was designing a responsive map utilizing Google Maps API. Made optimizations to front end map implementation to minimize calls.

Interests:
   • I love to do anything musical. I love to dance and play piano and in the process of learning guitar.