Dan Tran

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Education

California State University	**Long Beach, CA**
B.S. in Computer Science	*February 2019 - Spring 2022*
Orange Coast College	**Costa Mesa, CA**
Computer Science	*August 2016 - December 2019*

Technical Skills

Languages: JavaScript | TypeScript | Java | C# | Kubernetes | SQL | HTML | CSS

Platform and Technologies: Node.js | Express | MongoDB | React | Docker | Linux

Project Management and Tools: Agile | Jira | BitBucket | Git

Tools: Github | Eclipse | Visual Studio | Visual Code

Work Experience

Northrop Grumman   **October 2022 - Jan 2024**

- Development of the next generation of aviation planning software to help aid mission planning and execution.
- Applied fundamental concepts, processes, practices, and procedures on technical assignments.
- Ensured code stability with thorough unit testing, detailed documentation, and dockerized deployment
- Active Secret Clearance
- **Technologies**: React | C# | TypeScript | Git | Docker | Kubernetes | Node.js | Linux

Project Experience

Web Application - Personal Portfolio   **Jan 2024 - Current**

- Created a custom responsive personal portfolio showcasing myself and my projects from scratch.
- Uploaded on github pages.
- **Technologies:** HTML, CSS, Javascript

Web Application - Machine Learning Price Predictor   **May 2022**

- Developed Price Predictor App for popular card game Flesh and Blood. This application offers features such as visual display of projected card price, watchlists, favorites, purchase options etc.
- This application provides users a quick and efficient way to save time and money on buying their favorite cards.
- **Technologies:** MongoDB, Express, Node.js, React

Python Application - Health Predictor

- Trained a neural network to predict the likelihood of an individual's health based on their lifestyle.   **May 2022**
- Used python library and data set from UCI to create detailed graphs of predicted health.
- **Technologies:** Python

Mobile Application (Front End) - Alpha Stock Analysis   **December 2021**

- An Android app that is intended for investors who would like to be more informed about their trades on the stock market analysis of your investments and inform you on potential opportunities. Release news updates on trends.
- This app fills in holes and features that aren't offered in generic stock apps.
- **Technologies: Android Studio, JavaScript**

DnBGame: Pop the Lock Trainer   **September 2019**

- Programmed a 2D reaction game inspired by the popular Dave and Busters Game, Pop the Lock.
- Implemented object oriented design using inheritance polymorphism; utilized JComponents for interactive front-end GUI that allows users to test their interaction with the application.
- **Technologies: Java, GUI**