Kevin Tran
Software Engineer
with interests in Web Development, UX/UI, and Machine Learning

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EDUCATION

San Jose State University (December 2018)
- B.S Computer Engineering
- GPA within top 15% of graduating class (3.44)

Coursera (December 2018)
- Deep Learning Specialization (Andrew Ng)

EXPERIENCE

Software Engineer (Co-op), Western Digital
(Sep. 2016 - Present)
- Full stack development ranging from UX/UI design to machine learning implementation.
- Combine natural language processing and clustering algorithms to predict wafer manufacturing metrics.
- Design and develop data analytics dashboards using Angular 6 and D3.js.
- Implement and maintain Flask RESTful application to communicate with backend services.

Front End Developer, IEEE-Eta Kappa Nu
(May 2017 - Dec. 2017)
- Volunteered to design and develop IEEE's engineering honor society's website using Angular.
- Maintained and optimized social media platforms for search engine optimization (SEO).

UX & Market Research Intern, Impekable
(Sep. 2016 - Sep. 2017)
- Attended intensive UX/UI training workshops.
- Researched user trends, habits, & pain points to discover new methods of retention, growth, and monetization.
- Implemented and maintained beta test program for mobile games.
- Designed a mobile application for users to order food easily with their friends.

PROGRAMS + TOOLS

- Sketch
- Photoshop
- Tableau
- Zeplin
- Principle
- Adobe XD
- Git
- InVision

LANGUAGES + FRAMEWORKS

- HTML5
- Python
- CSS/SCSS
- Node.js
- Javascript
- C++
- Angular 6
- Java
- Electron
- SQL

PROJECTS

Alexa Smart Mirror
- Building a mirror that can overlay information for the user as they are using it.
- Design and develop the front end using Angular 6 and Electron.

Yelp Review Classifier
- Created a machine learning model that predicts the star rating of a review based on the user's text.
- Utilized bagged classifiers to train over 2 million Yelp Reviews.

Magic The Gathering RNN
- Generated Magic the Gathering cards and metadata based off of existing cards.
- Applied Andrej Karpathy character level language model algorithm to train a recurrent neural network.

roomii Messaging App (UX/UI)
- Designed a messaging application for people living with roommates.
- Wireframes designed using Sketch and animated prototypes created with Principle.

Automated Aquaponics System
- Created ecosystem where fish provide nutrients for plants, and plants filter fish waste.
- Designed web interface to interact with Raspberry Pi components.