

# Kevin Tran

## Software Engineer

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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 to natural language processing
- Implement and maintain RESTful Flask APIs for over a dozen internal microservices
- Provide rapid UX/UI prototypes for various teams before front end development
- Create machine learning models to process natural language comments for wafer manufacturing

#### Front End Developer, IEEE-Eta Kappa Nu (May 2017 - Dec. 2017)

- Design and develop IEEE's engineering honor society's landing website using Angular
- Work alongside a team of engineers to provide information useful to college engineers to further their career

#### Digital Marketing Intern, Impekable (May 2017 - Sep. 2017)

- Created SEO driven content for social media and blogs
- Developed SEO strategy and keyword research and distribution to increase lead generation

#### UX & Market Research Intern, Impekable (Jul. 2016 - May 2017)

- Underwent a 40 hour intensive UX/UI workshop
- Researched user trends, habits, & pain points to discover new methods of retention, growth, and monetization
- Implemented and maintained beta test program for mobile games.


#### Candidate Host, Google (via Manpower) (May 2016 - Jan. 2017)


- Set up and plan interviews for candidates and engineers

### SOFTWARE SKILLS

 HTML

 CSS

 Javascript

 Angular 2+


 Vue.js

 Java

 Python

 C++

 SQL

 Machine Learning

### TOOLS & OPERATING SYSTEMS

 Tableau

 Linux OS

 Android OS

 MySQL

 Sketch

 Photoshop

 Principle

 Arduino

### PROJECTS

#### MTG Recurrent Neural Network

- Generated Magic the Gathering cards and metadata based off of existing card API
- Applied Andrej Karpathy character-level language model algorithm to create a recurrent neural network

#### Machine Learning Stocks

- Created machine learning model to determine if a stock with given attributes is worth buying or not
- Applied linear SVC to stock data to perform classification

#### 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

#### roomii Messaging App (UX/UI)

- Designed a messaging application for people living with roommates
- Wireframes designed using Sketch and prototypes created with Principle