Patrick Le

Riverside, CA 92507

(714) 812-7224
lepatrick714@gmail.com
lepatrick714.com
github.com/lepatrick714

Languages: C++, C, MATLAB, Python, Java (Learning)

Technologies: TensorFlow, React, AWS, Docker, Node.js, Docker

Work Experience

- **Zodiac Aerospace** Brea, CA
  Software Engineering Intern *Jun. 2017 - Sept 2017*
  - Implemented an Blended tool for backwards compatibility between ContentLoad 1.0 and 2.0
  - Optimized the Blended tool to fully blend a +1 terabytes content set from 16 hrs to 15 mins.
  - Worked on ContentLoad 2.0 distribution pipeline and cloudplay features.
  - Both ContentLoad 2.0 and Blended Content Tool is flying on Lufthansa and ANA.
  - Contributed in several bug fixes and Jenkins scripts for Trunk stabilization

- **UCR's Department of Computer Science** Riverside, CA
  Technical Assistant *Sep. 2016 - Present*
  - Implemented an automation tool for CS100 (Software Construction).
  - Deployed the tool to Amazon Web Services, Docker, and Jenkins for continuous services.
  - Integrated Github Webhooks and Classroom for continuous grading upon each Git push.
  - Decreased total grading time from 4 days to 20 mins.

Projects

- **Reflex - Huddle** Product Manager / Lead Programmer
  Software Management Tool *Sep. 2017 - Present*
  - Building a multi-platform software development cycle management tool
  - Leading a team of 4 in building a web application built with REACT and AWS' DynamoDB
  - Contributed full stack features such as; User Login, Board Logic, and user sharing capabilities.

- **S.A.M.** HackPoly (Prize Winner)
  Stop Annoying Messages *Feb. 2017*
  - Enabled mention-only notifications in Facebook Messenger.
  - Deployed S.A.M. on AWS and dockerized for a stable build.

- **UCR Unmanned Aerial Drones** Software Member
  Computer Vision *Jan. 2016 - Mar. 2017*
  - Implemented the image classification pipeline, which was utilized during automatized flight.
  - Implemented several image recognition algorithms using OpenCV such as Shape Segmentation and Classifications.

Volunteering: ACM@UCR Vice Chair, Citrus Hack Co-Director of Sponsorship, Engineering Senator

Education

- **University of California, Riverside** Riverside, CA
  B.S., Computer Science GPA:3.23 *Expected Spring. 2019*