

Kyle Long

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Education

Virginia Tech

BS IN COMPUTER SCIENCE

Blacksburg, VA

May 2020

Experience

Academia

SOFTWARE ENGINEER

San Francisco, CA

March 2021 – October 2022

- Created backend infrastructure and surveys to tag 14 million of our users by cohort to offer them tailored experiences
- Ran several A/B tests to increase marketing efficiency
- Applied user cohort data to create different features for various cohorts

Adobe

SOFTWARE ENGINEER INTERN

San Jose, CA

May 2019 – Aug 2019

- Improved rspec testing functionality for several Lightroom microservices to reduce bugs and increase efficiency by over 30%
- Created backend support for cloning media data between multiple lightroom accounts

Advanced Research Computing Center, Virginia Tech

WEB DEVELOPER INTERN

Blacksburg, VA

Jan 2019 – Jun 2019

- Improved research data tables to relay more accurate data to reduce power outages for nuclear power plants by 20%
- Migrated local databases to AWS Elastic Beanstalk

Visa

SOFTWARE ENGINEER INTERN

Foster City, CA

June 2017 – Aug 2017

- Added Swagger to dozens of Apple Pay APIs to provide automatic documentation updates
- Updated the existing mock API Console by adding support for testing several HTTP status codes.

Skills

Object Oriented Languages: Ruby, Java, Python, PHP

Web Development: React, Javascript, Typescript, Node

Databases: MySQL, MongoDB, Postgres, Redis

Cloud: AWS, Google Cloud

Projects

Corked Up

React, Mongo DB, Express, Node,

Graph QL, Apollo

WEBSITE CATERING TO WINE LOVERS: EVENTS, SAVINGS ON BOTTLES, AND PAIRING RECIPES TO ENHANCE YOUR WINE

EXPERIENCE

<https://corkedup.wine/>

Caruize

Javascript, PHP, MySQL

CREATED A WEBSITE TO HELP VIRGINIA TECH STUDENTS EFFICIENTLY SHARE RIDES TO LONG DISTANCE LOCATIONS.

Traderank

React Native, Firebase

MOBILE APP ALLOWING ACTIVE INVESTORS TO POST THERE TRADES (GAINS/LOSSES) AND ENGAGE IN THOUGH

PROVOKING CONVERSATIONS ABOUT THE STOCK MARKET

Extracurricular

Aug 2016 - May 2020 **ACM ICPC Programming Team**, Competed in weekly programming competitions focused on solving complex data structures and algorithm problems

Apr 2016 - Dec 2018 **Hackers at Virginia Tech**, Internal Vice President, Hackathon Lead - Coordinated trips to collegiate hackathons and internal tech events that helped students foster their technical skills