Kyle **Long**

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Skills

Ruby	Java	Python	PHP	React	Javascript
Node	MySQL	MongoDB	Postgres	Redis	Typescript
AWS	Google Cloud	System Design	Data Structures	Algorithms	HTML/CSS
Slack	GraghQL	Jira	Agile/Scrum	GitHub	RSpec

Experience

Academia   *San Francisco, CA*
SOFTWARE ENGINEER   *March 2021 – October 2022*
- Created backend infrastructure and surveys to tag 14 million users by their cohort to offer them tailored experiences
- Wrote advanced SQL queries to measure cash-flow impact, user activity, and survey completion rate through an iterative process focused on two-question, multiple-choice surveys
- Provide demonstration to designers, product team, and user researchers to ensure and verify the product is consistent with business requirements.
- Performed quality assurance code review for co-workers to ensure and minimize defects in software
- Provided valuable insight into planning, grooming, retrospective, backlog, and daily standup meetings twice daily
- Performing Quality Assurance and Testing in the Development, Quality Assurance(QA), and Production.
- Provided characteristic-specific marketing and advertising by categorizing users to eliminate non-essential materials being sent via email and onsite modal popups.
- Ran several A/B tests to increase marketing efficiency by identifying which designs, copy, and features led users to upgrade to a premium membership
- Wrote Unit tests for backend controller logic
- Provide Release notes for any new feature released, providing descriptions and links to GitHub, repository, Live site, screenshots, and instructions on testing.
- Wrote detailed instructions and descriptions within a README document to inform the organization of the deliverables created through coding.
- Applied user cohort data to create different features relevant to users current profession

Adobe   *San Jose, CA*
SOFTWARE ENGINEER INTERN   *May 2019 – Aug 2019*
- Improved RSpec testing functionality for several Lightroom microservices to reduce defects/bugs and increase efficiency by over 30%
- Participated in daily Agile/Scrum meetings to ensure that the user stories and business requirements were consistent.
- Created backend support for cloning media data between multiple lightroom accounts

Advanced Research Computing Center, Virginia Tech   *Blacksburg, VA*
WEB DEVELOPER INTERN   *Jan 2019 – May 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
- Translated Google Sheets(CSV) data into an organized interactive interface where the client could make decisions and understand the data.
- Updated project status report and obtained direction from the team leader on the next steps that needed to be completed per the project plan.

Visa   *Foster City, CA*
SOFTWARE ENGINEER INTERN   *June 2017 – Aug 2017*
- Added Swagger to dozens of Apple Pay APIs to provide automatic documentation updates to show details about API endpoints
- Participated in Agile/Scrum daily meetings and reported status updates on specific deliverables.
- Updated the existing mock API Console by adding support for testing several HTTP status codes.

Education

Virginia Tech   *Blacksburg, VA*
BS IN COMPUTER SCIENCE   *May 2020*