

Walton Y. Lee

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WORK EXPERIENCE

EverQuote

June 2017 – Present

Software Engineer II

- Developed various features on EverQuote’s software platform, which connects consumers to insurance providers, to optimize performance, improve usability, and maximize traffic throughput, using primarily Go or Ruby on Rails for back-end development and Typescript with React for front-end development
- Built a rule engine for determining business costs using Spring and Kotlin, including a React front-end for internal usage and integration with the Okta access-management platform for authorization and authentication
- Replatformed multiple Python applications designed to serve display ads and record impression data from being manually deployed to EC2 to using Kubernetes and EKS through an automated Bamboo pipeline
- Refactored core features of Everquote’s website into multiple micro-services, leveraging a variety of software platforms and tools including AWS, GCP, Docker and Kubernetes
- Built a data compliance service that informs tens of downstream services within the company of requests by the user to redact personal information, keeping track of each services’ status and notifying business partners & the requester upon completion
- Researched new engineering initiatives and wrote technical design documents to provide blueprints for my engineering team to execute and discuss implementation and software architecture of new projects
- Integrated Everquote’s core software platform with third party vendors, leveraging a variety of APIs to ensure customer data is transferred to business partners using their preferred data formats
- Set up and observed multiple services with software monitoring and alerting tools, creating dashboards and alerts on business-critical metrics using tools such as Datadog, Grafana, Prometheus and Airbrake.
- Collaborated with designers and product managers to overhaul EverQuote’s user experience in an effort to improve brand visibility and user retention

IBM – Software Group

June 2016 – August 2016

Data Science Intern

- Built a variety of data manipulation/visualization add-ons to the SPSS modeling software using R, projects included a Chinese word-cloud generator, mapping function with geolocation and weather analysis
- Utilized the image processing and taxonomic classification functions of the Watson machine-learning suite to build an advertisement classifier that categorized banner ad images by products and promotion deal

EDUCATION

Tufts University, Class of 2016/17, Medford MA:

Master of Science – Computer Science

May 2017

Bachelor of Science – Computer Science (Engineering)

May 2016

GPA: 3.43, Dean’s List, MacJannet Scholarship

SKILLS

Programming Languages: Python, Go, TypeScript, Kotlin, Ruby, JavaScript, SQL, C, C++, C#

Frameworks & Libraries: React, Redux, Spring, Rails

Software Management Tools & Platforms: Git, AWS, Google Cloud Platform, Docker, Kubernetes, Okta

Alerting and Monitoring Tools: New Relic, Datadog, Grafana, Prometheus, Airbrake