

Alex W. Levinson

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Home Address: HIDDEN FOR SECURITY PURPOSES

WORK EXPERIENCE

Expedia, Chicago, IL

Software Development Engineer II, Lodging Shopping Team

December 2018—Present

Architected and implemented several major features: UnitSummary, ValueAddPromotions, GraphQL Migration, and RatePlan Categorization. Redesigned the entire team structure around on-call, external team support, and internal tech debt. Guided as a member of the backend architecture group and as a git merge approver. Managed a summer college intern. Worked mostly in Kotlin, Java, GraphQL, and React on Typescript.

Expedia, Chicago, IL

Software Development Engineer I, Package Shopping Team

August 2016—December 2018

Packages involve any combination of singular purchases. This complicated area required a working knowledge of several technologies and backends—working on different applications, codebases, and teams on a regular basis. Primary focus on migration to AWS and the test framework changes to handle splitting Expedia from one monolith into many small micro-services. Worked mostly in Java, FTL, and Javascript.

Microsoft, Redmond, WA

Software Engineering Intern, OneNote API Team

Summer 2015

Programmed in C# using the ASP.NET framework and OData Protocol for Web APIs on the OneNote API team. Created the ability for 3rd parties to access images through temporary unauthorized links for the use of exporting a OneNote page as HTML. Led the design process of the feature - considering security and engineering tradeoffs. Wrote unit and end-to-end tests for all code added. Integrated with PhantomJS to take a screenshot of the page for caching.

General Electric, Van Buren Township, MI

IT Intern, GE Capital IT

Summer 2014

Programmed in several languages (HTML, CSS, JavaScript, Java, JSP), on a sensitive large scale web application used to request and form large intercompany business deals (\$1.3 Trillion total in 2013).

PROGRAMMING EXPERIENCE

Primary Languages - Kotlin, Java, Javascript, Typescript, HTML, CSS, GraphQL

“Rusty” Languages - Ruby, Python, JSP, FTL, Handlebars, SQL, NoSQL, C#, C++

JavaScript Frameworks - Node, React, JQuery, Handlebars, Marionette, Ember, AngularJS

Test Automation - Nightwatch, Cucumber, TestNG, JUnit, EasyMock, Mockito

Tools – Gradle, Maven, Jenkins, AWS, Omniture, Splunk, Tealeaf, OAuth, Git/Github, Perforce/Swarm

LEADERSHIP

Intern Mentor

Summer 2020

Responsible for the direct day to day management and mentorship of a summer college intern.

Github Approver & Architecture Guild Member

January 2019—Present

Administrator github privileges and given the responsibility of ensuring code quality within our codebases. Member of the architecture guild, a private group dedicated to approving the ongoing architectural changes within the Lodging stack.

Read by Refactoring

2016—Present

A coding technique course that focuses on using IDE refactoring tools to “clean up as you go” and focuses on making code more readable. Led twice a year.

Engineer1

June 2016—Present

An internal Expedia organization that focuses on giving new engineers at the Chicago office a place to learn and ask questions away from their own team and managers. Meets twice a month.

Expedia Internal Hackathon Committee

November 2016—Present

Treasurer/Vice President of Delta Kappa Epsilon Fraternity

January 2014—December 2014

EDUCATION

University of Michigan, Magna Cum Laude – Computer Science Engineering, Ann Arbor, MI **Spring 2016**

Stanford University Summer Classes, Stanford, CA

Summer 2011

Cincinnati Country Day High School, Cincinnati, OH

June 2012