

Ning Kevin Chen

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Skills

Languages: Java, C++, C, C#, Python, Kotlin, Scala

Web: HTML, CSS, Angular, JavaScript, React, Bootstrap, PHP

Database: MySQL, MongoDB

Platforms: Spring Boot, Kafka, Firebase, AWS, Netlify, .NET, Android

Work Experience

Software Developer Intern, American Airlines

May 2019 - May 2021

- Created a web services client with Java and the framework Spring Boot as the backend as well as Java Server Pages (HTML) and XML to learn how to query our APIs, reduced the time to learn to use our team's APIs from weeks to hours
- Improved the interface of a Spring Boot front-end for monitoring Kafka by supporting different endpoints using a dropdown menu and supporting it throughout the interface
- Worked on integrating chaos engineering with VMware Mangle to the team's deployment workflow to improve resiliency of the team's development process

Software Development Engineer, Amazon.com

Aug 2021 – Present

- Increased credit card application completion rates by 23% through implementing a session persistence feature that enabled customers to resume incomplete applications.
- Modernized legacy infrastructure through AWS cloud migration and implemented optimizations to the card application service resulting in a 2-month reduction in new marketplace launch time, 2x faster front-end build performance, and 6.5x smaller page assets for improved application load times.

Education

The University of Texas at Dallas, Richardson, TX

Aug 2017 – May 2020

Bachelor of Science in Software Engineering, GPA 3.908/4.0

Latin Honors: Magna Cum Laude

The University of Texas at Dallas, Richardson, TX

May 2020 – May 2021

Master of Science in Computer Science, GPA 3.967/4.0

Personal Projects

VeriNews

HackUTD 2019

Nov 2019

- Used IBM Watson's sentiment analysis to determine if an article is more likely to be biased or less likely to be biased.
- Wrote front-end in Angular and the backend in Node.js.
- Deployed the front-end and back-end to Netlify and Heroku, respectively.