

## Ning Kevin Chen

GitHub: <https://github.com/nich227> • LinkedIn: <https://www.linkedin.com/in/nich227>

E-mail: [ningchen227@gmail.com](mailto:ningchen227@gmail.com) • Phone: (412)-419-4091 • Website: <https://ningkchen.tech/>

### Skills

---

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

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

**Database:** MySQL, MongoDB

**Big Data:** Hadoop, Apache Spark

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

**Classes:** Artificial Intelligence, Machine Learning, Natural Language Processing, Introduction to Big Data, Design & Analysis of Computer Algorithms, Human Computer Interaction

### 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

### 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

---

#### Phantom

Hacktober 2018

Oct 2018

- Used IBM Watson natural language processing and Google's Speech to Text engine to interpret speech data
- Used sentiment values and keywords from the generated data to create a summary of a customer service call
- Finished 2<sup>nd</sup> place in this hackathon.

#### VeriNews

HackUTD 2019

Nov 2019

- Used IBM Watson's sentiment analysis to determine if an article is sensational or not sensational news
- Wrote front-end in Angular and the backend in Node.js
- Deployed the front-end and back-end to Netlify and Heroku, respectively