

# Nicholi Jin

## Web Engineer



✉ nicholijin@gmail.com

☎ +1 (717) 516-5217

📍 121 121st St E, Tacoma, WA

🌐 <https://nicholijin.com/>

🐙 nicholidev

### Profile

*Software Engineer with 10 years of expertise in developing robust and efficient software solutions tailored to complex business needs. Known for delivering scalable and resilient system architectures, I am familiar with optimizing systems for peak performance and reliability, ensuring seamless user experiences*

### Education

#### Master's Degree in Computer Science

ECPI [📄](#)

07/2015 – 09/2017 | Richmond, VA, US

Master's Degree in Computer Science and Applied Mathematics, with Honors

#### Bachelor's Degree in Computer Science

Beijing Technology And Business University (BTBU) [📄](#)

04/2011 – 04/2015 | Beijing, China

Bachelor of Science in Computer Science with Honors, ranked 2nd in a class of 129

### Professional Experience

#### Redfin

Web Engineer

09/2021 – 02/2024 | Seattle, WA

- Developed and optimized web applications to enhance user experience and improve functionality on Redfin's real estate platform.
- Implemented new features and enhancements for the home search and listing management systems, contributing to a 20% increase in user engagement.
- Collaborated with cross-functional teams to integrate advanced search algorithms and data visualization tools, aiding users in finding their ideal homes more efficiently.
- Utilized modern web technologies and frameworks to ensure high performance and scalability of web applications, supporting thousands of concurrent users.

#### Oracle

Web Engineer

09/2018 – 08/2021 | Redwood Shores, CA

- Designed and developed enterprise-grade web applications as part of Oracle's cloud services team, focusing on security and scalability.
- Played a critical role in integrating Oracle's legacy systems with modern web technologies, streamlining processes and reducing operational costs.
- Led the implementation of RESTful APIs that enhanced the functionality of Oracle's cloud-based applications, improving customer satisfaction.

#### Adobe

Software Developer

08/2016 – 08/2018 | San Jose, CA

- Developed and maintained the front-end components of Adobe Creative Cloud's web interface, contributing to a seamless user experience for millions of creative professionals.
- Worked with the backend team to optimize data retrieval processes, reducing the time to fetch and display data on the web interface by 25%.
- Played an integral role in the transition from Flash to HTML5, ensuring a smoother, more accessible web experience.


#### TaoBao Marketplace

Software Engineer Intern


06/2015 – 07/2016 | Beijing, China

- Developed a more efficient and maintainable ERP and Shipping tracking engine, laying the groundwork for seamless future web platform enhancements.
- Played a key role in optimizing big data processing, ensuring the engine's scalable and reliable performance amidst high-volume transactions.

## Certificates

Algorithms Legend level   
N° 10060494

Coding speed Legend level   
N° 10061875

Artificial Intelligence Legend level   
N° 10062368

Optimization Legend level  
N° 10062498

Collaboration Legend level   
N° 10063219

Python 3 Certification   
N° 10061950

JavaScript Certification   
N° 10064237

Ruby Certification   
N° 10203273

TypeScript Certification   
N° 10062238

## Work Authorization

Authorized to work in the U.S. for  
any employer without sponsorship

## Languages

English — Native/Bilingual

## Skills

### Programming Languages

Python, Java, JavaScript, C++, Go, Rust; paradigms; clean code; Django, Spring.

### Web Development

HTML, CSS, JavaScript, React, Angular, Vue.js; Node.js, Django, Flask, Ruby on Rails, ASP.NET, MERN/MEAN stack, Bootstrap, Tailwind, optimization, RESTful, GraphQL.

### Database Management

SQL, NoSQL, design, modeling, optimization, scaling, replication, cloud databases.

### DevOps and CI/CD

CI/CD tools, Docker, Kubernetes, IaC, monitoring, cloud services

### Artificial Intelligence and Machine Learning

ML algorithms, TensorFlow, PyTorch, Keras, NLP, preprocessing, deployment, ethics.

### Cybersecurity

Network Security, Application Security, IAM, Cryptography, Auditing.

### Software Testing and Quality Assurance

Automated Testing, Performance Testing, Continuous Testing, Test Cases, UAT, Bug Tracking

### Project Management and Agile Methodologies

Agile/Scrum, Tools, Requirement Gathering, Stakeholder Management, Risk Management

### Tools and Utilities

Version Control, IDEs, Scripting, API Testing, Task Automation, Git, Docker, Kubernetes, Figma

### Soft Skills

Problem Solving, Collaboration, Time Management, Adaptability, Documentation