

# Hanyang (Carl) Xu

**Address:** Herndon, Virginia, US

**Email:** hanyangxueagle@gmail.com

**Phone:** +1 443 365 2307

**LinkedIn:** <https://www.linkedin.com/in/hanyangxu/>

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## BACKGROUND

A detail oriented senior Full stack engineer with bachelor's degree in computer science who have accomplished 10+ enormous web applications and resolved hundreds technical problems using latest tech and best practices. Excited to leverage newly emerging technologies and skills in the future as part of a fast-paced, quality-driven team in order to build better experiences on the web. Seeking an opportunity to strengthen skillset in the software engineering world while also adding positive contribution to the workplace.

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## WORK HISTORY

March 2021 - Current

### Senior Full-stack Web Developer

[Mummy.io](https://mummy.io)

- Developed and maintained NFT marketplace, web services & chain bridge according to specifications
- Developed a NFT marketplace analytics, and a cross-chain bridge proof generation service with python / Flask.
- Developed and maintained business solutions in active collaboration with the business and management team
- Document and define requirements for development and enhancement projects; and processes and procedures in the Applications Development area
- AWS service management for serverless microservices architecture implementation.
- Docker, security and pipeline administration for CI/CD and shipping
- Test Driven Development with test automation frameworks such as Cypress, selenium, chai, Mocha

- Design solution, write and test code, automate test and deployment for secure Smart contract
- Mentor/Guide Junior developers and empowered them on Solidity and Web3 development with great leadership
- Actively participated in design discussion and code review following Agile, Scrum development principles and practices

November 2020 – February 2021

**Full-stack Web Developer**  
**Tagbond**

- Designed and developed project UI kit and customer facing, front-end components to be used across whole project which enhanced user experience, reliability, manageability, scalability, flexibility, extensibility, performance and re-usability
- Front end performance optimization with pagespeed
- Developed factory contracts enabling users to get customized smart contracts with few settings
- Open Source code management with Github

April 2017 - October 2020

**Full-stack Web Developer**  
**Agritecture**

- Developed backend for Product Price planning tool and online education system with GCP functions in python. (serverless structure)
- Developed a farm business analytic backend service with python / Django.
- Created and Document Technical Architecture based on design documentation and project objectives
- Developed API endpoints with great consistency by means of best practice and style guides
- Optimize React component, UI kit and Data flowm server-side rendering for maximum speed and scalability as well as cross-platform optimization and responsivenss
- Collaborating with business analytics and professionals to implement strategies and data modeling.

- Configured and maintained deployed environments, web architecture with Google Cloud Platform service
- Build features and applications with a mobile responsive design

September 2013 – February 2017

### **Full-Stack Developer**

YanJi Overseas City Network Technology Co

- Designed, documented, and implemented Rest APIs for use by both internal and external parties with Java spring framework.
- Identified root cause of issues and provided short and long term resolutions
- Wrote and maintained unit tests for products with high code coverage
- Data visualization, Business Dashboard, real-time communication platform development
- Developed reliable and scalable backend system for Structural Integrity Evaluation system and Business Resource Management system with Java 8.

Full Stack Developer

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## **EDUCATION**

2009 - 2013

### **Bachelor Degree of Computer Science,**

Yanbian University of Science and Technology

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## **SKILLS**

Node, Express, React, Angular, MERN, Vue, Typescript, Python, .Net, Java, Rust, HTML5, javascript, ES6, CSS, CSS3, MVP, Sever Side Rendering, CI/CD, Github, Gitlab, Git, MVC, Apache, tomcat, Webpack, Devops, AWS cloud, GCP, Project management, Pipelines, GraphQL, unit testing, Dropbox, Microservice, Jira, Junit, JSON, mongodb, DocumentDB, mysql, Oracle, SQL, SaaS