

## Contact

[www.linkedin.com/in/yuchaozh](https://www.linkedin.com/in/yuchaozh)  
(LinkedIn)  
[yuchaozh.github.io/](https://yuchaozh.github.io/) (Personal)

## Top Skills

Java  
C++  
MySQL

## Languages

Chinese (Native or Bilingual)  
English

## Honors-Awards

DEAN'S ROLL OF EXCELLENCE  
DISTINGUISHED ACADEMIC  
ACHIEVEMENT

# Yuchao Zhou

Software Engineer at Microsoft  
Greater Seattle Area

## Summary

I am in H4-EAD work visa. I am looking for fulltime jobs and need H1b sponseship.

I am a team-oriented and self-directed software engineer. I am enthusiastic and hardworking with strong technical skills.

I am proficient in Java, iOS programming using Objective-c and C++; Have experience in C#, JavaScript, Android application development, CakePHP, JUnit, HTML, MVC pattern design, Mobile Web programming in Agile methodology.

I am actively primarily seeking iOS application developer position now. But I am also open to backend development. I am willing to learn new skills and touch new area.

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## Experience

### Microsoft

1 year 8 months

#### Software Engineer

May 2019 - Present

Bellevue

#### SDE I (via Artech Information System)

April 2018 - May 2019 (1 year 2 months)

Bellevue, Washington

#### Satori SkyDance Team

- On-board Nemo(Named Entities Made Obvious) service to Geneva Monitoring Telemetry Platform. Emit metrics, publish logs, setup alerts and dashboard.
- Improve data generation automation on Azure Jobs.

### Amazon Web Services

#### Software Development Engineer

March 2017 - December 2017 (10 months)

Seattle, Washington

WorkSpaces Client Team builds Desktop, Mobile and Chrome platforms for cloud desktop service.

- re-branding iOS client application based on redlines for re:Invent 2017.
- Modified log-in workflow to reduced S3 dependency for iOS and Android applications.
- Integrate SwiftPoint Mouse SDK into iOS application;
- Adapt FIPS(Federal Information Processing Standards) police to iOS application.

## ENSPIREA LLC

Software Engineer

April 2015 - March 2017 (2 years)

Greater Chicago Area

Enspirea is a software consulting company for mechanical engineering industry.

- Developed ViewSend iOS and Android applications. Allow doctors to search patient information and view patient DICOM image data based on LEADTOOLS SDK and integrate with chat feature.
- Developed Picture Manual iOS and Android applications. Users can take photos or record videos to create visual manuals and upload to cloud. Used REST API to communicate with the AWS server.
- Developed toMingle iOS social application which users can create and share visual tips and ask questions among their facebook and contact friends. Used Parse as the backend server.
- Developed TaskCalendar feature for Picture Manual website to enable to create tasks and corresponding task manuals using CakePHP and jQuery.

## Digital Factory, Inc.

Android Application Developer Intern

June 2014 - September 2015 (1 year 4 months)

Digital Factory provides a Geofencing mobile platform that supports the management and presentation of programmed content based on location.

- Wrote Android Unit Test scripts to test functionalities of the application.
- Enable play video notification using url or decoding base64 content.
- Added push notification using Amazon SNS and Baidu Cloud Push.
- Decoupled User Interface components of the application to convert all services into a library that can be imbedded in 3rd party Android application.

## Northwestern University

EECS211 Grader

September 2014 - December 2014 (4 months)

Evanston, IL

Grader for EECS 211 Fundamentals of Computer Programming II.

Intel Corporation

Software Engineering Intern - MCG CTS

March 2013 - July 2013 (5 months)

A team in charge of providing MCG customers with the engineering, tools, services and supports to enable them to ramp high-volume winning products based on MCG products and platforms.

- Mobile Android OS validation according to test cases and make reports.
- Provide gesture of PSI test cases. Use a high-speed camera to record and analyze the performance of PSI test cases on different Smart Phones.
- Using PHP, HTML and MYSQL to developing RDP website in a team. Mainly focus on implementing the front-end and database.

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## Education

Northwestern University

Master's degree, Computer Science · (2013 - 2014)

International Technological University (ITU)

Master of Science - MS, Computer Software Engineering · (2018 - 2018)

Zhejiang University of Technology

Bachelor's Degree, Computer Science · (2009 - 2013)