

# Yong Ji Chen

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New York City, U.S.

## SKILLS

### Programming Languages

C++, TypeScript, Python, JavaScript,  
HTML5/CSS

### Technologies

Linux, Windows, MacOS  
C++, Boost, CMake, Win32  
Node, Mocha, RsJx, Angular  
DBeaver, LaunchDarkly, Grafana,  
React

### Big Data and Distributed Systems

AWS, Docker,  
ElasticSearch, PSQL Client-Server  
ZooKeeper

## EDUCATION

B.S. of Computer Science  
University at Buffalo, Buffalo, NY

## HONORS AND AWARDS

Ernst & Young College MAP Scholarship

**HOBBIES:** Snowboarding, Computers and  
Programming, Figure/keyboard building

## WORK EXPERIENCE

### Software Engineer - Here

09-2023 to Present

- Implement new features on Here Browser to enable users to integrate custom search providers.
- Implement APIs and configuration to allow for MPEG LA codec playback and Entra SSO for Microsoft.
- Improve logging bottlenecks and create a new solution that supports larger log sizes with longer application runtime using easylogging++.

### Full Stack Developer - Haven Technologies

10-2022 to 9-2023

- Implement new underwriting workflows and rules to assess customer risk which increases SaaS coverage in the codebase and improves flexibility with new client integration.
- Resolve multiple defects increasing the accuracy of the underwriting engine for generating life insurance policy quotes and reducing false positives by 5%.
- Assist in making data-driven product decisions by creating data visualizations using DBeaver querying over 100k+ in-force policies.
- Implement feature set to fetch government identification, persisting them in newly created database tables and integrate it using AngularJS and RxJS on the frontend.
- Create APIs to parse new policy application fields and transform them into Haven's custom specification which increases the company's ACCORD standardization coverage by 2%.

### Software Engineer - OpenFin

06-2019 to 10-2022

- Responsible for multithreaded desktop agent using C++11 currently running on 40k+ desktops at banks and other financial institutions
- Reduced latency and optimized critical paths in multithreaded code by identifying and removing bottlenecks
- Developed critical "smart install" feature set used by 85% of clients that allows for specific, custom deployment based on a client needs
- Led weekly architecture brainstorm sessions, mentored junior engineers, and managed project release cycle in two-week sprints
- Responsible for releasing product via auto-update, which instantaneously deploys the product across 10,000+ desktops
- Implemented "singularity" feature that improved maintainability, determinism, and reliability of deployment process, reducing inbound deployment queries from customers by 12%/month
- Developed strategies to recover from potential auto-update failures in the deployment process

### QA Engineer Intern - BlueCross BlueShield

05-2018 to 12-2018

- Create automation scripts for use in regression testing by utilizing the Robot Framework in a custom CI pipeline.
- Responsible for creation and maintenance of automated test suites to validate product specific features reducing manual toil on the QA team.
- Implement python script to compress automation generated screenshots which improved storage efficiency and upload time by 25%.
- Implement a time tracker for QA dashboard using django/flask.

### Coding Instructor - Code Nation

06-2017 to 08-2017

### Coding Instructor - Hudson Guild

06-2016 to 08-2016

### Software Developer Intern - American Express

06-2015 to 08-2015

### Software Developer Intern - Thrillist

06-2014 to 08-2014