

William Wei-Chi Chen

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Education

M.S., Computer Science - University of Washington
GPA: 4.00/4.00

2024 - Present
Seattle, WA

B.S., Computer Science - University of Michigan
GPA: 3.67/4.00

2018 - 2021
Ann Arbor, MI

Experiences and Certifications

Software Engineer

June 2025 - Present

Netflix

Remote

- Implemented client-side security controls for the Netflix iOS Application, ensuring robust user and device authentication
- Migrated critical Netflix iOS codebases to OpenSSL 3, improving security posture and ensuring long-term maintainability
- Collaborated cross-functionally with platform and product teams to ensure secure launch of the Netflix Game Controller app

Software Development Engineer II

Jan 2023 – May 2025

Software Development Engineer I

Sept 2021 - Dec 2022

Amazon

Bellevue, WA

- Designed, implemented and launched features using Swift and Obj-C for Amazon Flex, the tier-1 driver delivery app used by Amazon delivery drivers globally
- Overhauled package search mechanisms with patented label innovation, improving driver stop-level package search time by 16 minutes, saving 300 million dollars per year
- Championed app-wide architecture migration, reducing data model complexity and consolidating multi-platform business logic
- Worked with drivers in the field and responded to multiple high severity events, directly identifying and addressing crucial customer pain points

Software Development Engineer Intern

May 2020 - July 2020

Amazon

Bellevue, WA

- Implemented Package Scanning innovations on Amazon Flex, reducing on-road help requests by 15% with anticipated savings of 1.3 million dollars per year
- Developed multiple testable, modular components adhering to MVC paradigm
- Achieved 80% code coverage in newly implemented features

Artificial Intelligence Systems Engineering Intern

May 2019 - August 2019

Taiwan AI Labs

Taipei, Taiwan

- Improved segmentation and pre-processing of medical CV models, which identify diseases from CT/MRI scans
- Built a React/NodeJS/MySQL/Orthanc web system with LDAP login for displaying model outputs of image masks
- Developed an automatic testing infrastructure for computer vision models using Typescript, Kubernetes, Docker and GitLab CI/CD

AWS Certified Developer - Associate

March 2022

Java SE7 - Oracle Certified Associate

Sept 2017

Skills

General Purpose: C, C++, Python, Java

Frontend: Swift, Obj-C, JavaScript, Typescript, HTML, CSS, jQuery, React, React Native, Bootstrap

DevOps: AWS, SQL, Unix, Docker, Kubernetes, Git

Machine Learning: TensorFlow, OpenCV, Google AutoML

Languages

English, Chinese, learning Japanese