

# Jonathan Chan

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## EDUCATION

### Northwestern University

Evanston, IL  
June 2020

*B.S. Computer Science*  
School of Engineering

GPA — 3.7 / 4.0

## SKILLS

### Programming

iOS · Swift / Obj-C  
React · React Native  
Agile / Scrum  
JavaScript · ExpressJS  
Rust  
Python  
Racket  
PHP

### Languages

English  
Chinese · Cantonese

## COURSES

Systems Prog. w/ Rust  
Computer Networking  
Machine Learning  
Artificial Intelligence  
HCI  
Phonology

## INTERESTS

Cooking · Food  
Travel  
Biking · Urban Design  
Linguistics

## PROFESSIONAL EXPERIENCE

### Software Engineering Intern

Fulcrum GT · Chicago

June - September 2018

- Ideated and designed a mobile app to help travellers split bills and prevent conflicts by brainstorming with industry executives and legal team.
- Led development of an iOS app with Core Data, and a React web client, with Socket.IO for real-time bill-splitting, and adapted backend with teammates.
- Launched a streamlined UX by collaborating heavily with designers and product owners, in a fast-paced startup environment with Agile.

### Teaching Assistant

Northwestern University

March 2017 - Present

- Composed assignments and resources for Data Structures and Algorithms, and Intro to CS, Northwestern's largest EECS class with over 400 students.
- Connected with students in numerous tutorials of 6, focusing on tangible analogies that helped students to achieve above-average A grades.
- Empowered students to learn independently by composing the course's first comprehensive study guide, to help students thrive beyond office hours.

### Web Development Intern

Xiawang New Materials Technologies · Shanghai

July - August 2016

- Kick-started the startup's e-commerce platform using PHP and WordPress.
- Liaised with engineers from other firms by writing and revising API interfaces between platforms, and deployed a test build with Alibaba Cloud.

## PROJECTS & LEADERSHIP

### MeowlWatch iOS App

Northwestern University · [appsto.re/us/SnDTib.i](https://appsto.re/us/SnDTib.i)

April 2017 - Present

- Designed and launched an independent iOS app, by reverse-engineering HTTP requests, for students to budget meals and find places to eat.
- Overhauled a workflow with a product that has become well-known on campus, used by 4,500 students with 60 paying users and 100 daily users.

### .dev Co-Founder and Software Officer

Northwestern University

May 2017 - Present

- Founded a community for motivated developers, with 50 active members.
- Inspired members to overcome product hurdles by holding workshops about technologies, UX, and ideation, exchanging expertise with fellow co-founders.
- Streamlined WildHacks hackathon logistics by creating a cross-platform app with React Native for volunteers to keep track of over 400 attendees.