

# Victor Chen

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**Objective:** I'm looking for a part-time or fulltime Software Engineer Internship position.

## Education

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**University of Washington, B.S. Computer Science**

**Expected Graduation: 2018**

- GPA: 3.9/4.0
- ACM ICPC Regional Contest Top 10

## Skills

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- **Java, JavaScript, Python, C, Assembly, HTML/CSS, Node.js, Apache Storm, Parse, MySQL, NoSQL**
- Experienced in **Infrastructure & Tools, Website Development, iOS App Development, System Programming, Computer Networks, Machine Learning, UI / UX Design**

## Experience

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- **Incoming Software Engineer Intern** Jun 2017 – Sep 2017  
Salesforce Inc., San Francisco, USA  
I will work with Salesforce's Core Infrastructure team in San Francisco during Summer 2017 as a Software Engineer Intern.
- **Research Assistant** Mar 2016 – Oct 2016  
UW Medical Center, Seattle, USA  
I am responsible for improving machine learning techniques (SVM, Neural Network, Probabilistic Graphical Models) in Python and applying them on clinic data so as to discover medical patterns.
- **Software Engineer Intern** Jun 2016 – Sep 2016  
Sohu Inc. (Nasdaq: SOHU), Beijing, China  
Our team is responsible for building a Web App that allows people to build websites swiftly by dragging and dropping website components. My two primary jobs include developing an E-commerce template using Python and Node.js as well as building a security system that fight against web attacks.
- **Software Engineer Intern** Jun 2015 – Aug 2015  
Caisiling Inc., Shanghai, China  
When working for this fresh food delivery startup, I was mainly responsible for designing and setting up the infrastructure, including building tools in Python and managing MySQL & NoSQL databases. Meanwhile, I designed and developed a delivery tracking system using Node.js, MySQL, and bootstrap.

## Projects

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- **Kahn Shield** #Web, Java, Python, Redis  
Kahn Shield is a web security system built upon Apache Storm, Kafka, nginx, and redis. By analyzing real-time website log, I build it to ban suspicious IPs that behave anomalously.
- **Caffeine Single Sign On** #Web, Node.js, PostgreSQL  
Caffeine SSO enables users to log onto websites using Caffeine credentials. It is built upon Node.js, Redis, PostgreSQL, Google Prettify, and Heroku.
- **Machine Learning algorithms in Pacman** #Machine Learning, Python  
I used various machine learning techniques such as minimax, hidden markov model, and Bayesian Network to program agents in Pacman game to automatically beat the ghost.