

# Victor Chen

## Work Experience

- Jun 2017 – **Software Engineering Intern**, *Google*, New York, NY.  
Sep 2017 ○ Google Docs Team
- Sep 2017 – **Software Engineering Intern**, *Snapchat*, Venice, CA.  
Dec 2017
- Jun 2016 – **Software Engineering Intern**, *SAP*, Palo Alto, CA.  
Aug 2016 ○ Worked on the Open API team, developing internal tools for other employees and customers to use  
○ Developed several programs to create, parse, verify, and diff-check XML files  
○ Used various XML APIs, including DOM/SAX Parsing, and DTD/Schema Verification  
○ Languages and APIs used: Java, JavaScript, Spring Framework
- Mar 2016 – **CSE Tutor**, *UCSD CSE Department*, La Jolla, CA.  
Present ○ Tutor for Object-Oriented Programming, Basic Data Structures & Object-Oriented Design, Unix Lab, Computer Architecture & Systems Programming, and Software Engineering Courses  
○ Assisted students in implementations of OOP concepts, data structures, using software tools, computer architecture in C and SPARC Assembly, and software engineering principles and tools.  
○ Analyzed and debugged students' code, and explained concepts in C, C++, Java, SPARC Assembly, and Unix

## Education

- June 2019 **Bachelor of Science, Computer Science**, *UC San Diego*, Provost's Honors, Major GPA - 4.00.

## Projects

- May 2016 – **Autograder Web Developer**.  
Present ○ Member of Autograder team, tasked with managing autograder.ucsd.edu, a website used by 2000+ UCSD CS students to facilitate student-tutor queues and homework grading  
○ Implemented browser notifications feature to notify students when tutors were available for help  
○ Reformatted UI of homework grading platform  
○ Implemented Night Mode CSS theme  
○ Languages and APIs used: Java, JavaScript, JQuery, Play Framework
- Sep 2016 – **liftAI**.  
Dec 2016 ○ Created an automated personal assistant with speech-to-text for gym-goers to maintain a scheduled workout  
○ MEAN stack web application that plays music from their Soundcloud playlist and sync it with their workout  
○ Languages and APIs used: Node, JQuery, Soundcloud API, Bootstrap Calendar API
- Oct 2016 **Channel Stats**.  
○ MEAN stack web application that uses Twitch API and Twitch Chat API to compare two Twitch Channels for chat statistics  
○ Languages and APIs used: Node, Twitch API, Twitch Chat API
- April - May 2016 **CoupleTones**.  
○ Developed an Android application that notifies users when their partners visits one of their favorite locations  
○ Implemented backend server on Firebase, and sending notifications to users, and led team in project design and structure  
○ Languages and APIs used: Java, Google Maps API, Google Cloud Messaging API, Firebase
- Feb 2016 **Match Alert**.  
○ Developed a web app with Node that notifies entrants in a tournament of their upcoming matches through SMS  
○ Languages and APIs used: Node, MongoDB, Challonge API, Twilio API

## Languages & Frameworks

- Proficient C, C++, Python, Android, HTML, CSS  
Intermediate Java, JavaScript  
Frameworks Play, JQuery, AngularJS, Node.js, MongoDB, Firebase, Unix, Unity