

# Victor Chen

## Work Experience

- Jun 2018 - Sep 2018 **Incoming Software Engineering Intern, Quora**, Mountain View, CA.  
◦ Team TBD
- Sep 2017 - Dec 2017 **Software Engineering Intern, Snapchat**, Venice, CA.  
◦ Designed a security linter that lints all internal repos and pull requests for cross-site scripting (XSS) vulnerabilities  
◦ Languages and Frameworks used: Node, Flask, Python, ESLint API, Github API, GAE, GAE Flex, Google PubSub, LCA
- Jun 2017 - Sep 2017 **Software Engineering Intern, Google**, New York, NY.  
◦ Added support for Text Wrapping property (determining if text is confined or overflows past the boundaries of a shape)  
◦ Extracted the Text Wrapping property when importing/exporting to Slides from/to PPTX, and added support for client-side and server-side rendering  
◦ Languages and Frameworks used: Java, JavaScript, ClojureScript, Android
- Jun 2016 - Aug 2016 **Software Engineering Intern, SAP**, Palo Alto, CA.  
◦ 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  
◦ Languages and Frameworks used: Java, JavaScript, Spring Framework, XML DOM API, SAX API, DTD API, XML Schema API
- Mar 2016 - Present **CSE Tutor, UCSD CSE Department**, La Jolla, CA.  
◦ Tutor for OOP, Basic Data Structures & OOD, Unix Lab, Computer Org. & Systems, and Software Engineering Courses  
◦ Analyzed and debugged students' code, and explained concepts in C, C++, Java, SPARC Assembly, and Unix

## Education

- June 2019 **Master of Science, Computer Science, UC San Diego.**
- June 2018 **Bachelor of Science, Computer Science, UC San Diego**, Provost's Honors, Major GPA - 3.98.

## Projects

- May 2016 - Present **Autograder Web Developer.**  
◦ Lead member of Autograder team, tasked with managing autograder.ucsd.edu, a website used by 2000+ UCSD CS students and professors to facilitate student-tutor queues and automated homework grading  
◦ Implemented browser notifications feature to notify students when tutors were available for help, reformatted UI of homework grading platform, automated email reminders, and implemented Night Mode CSS theme  
◦ Languages and Frameworks used: Java, JavaScript, JQuery, Play Framework, SQL
- March 2017 - April 2017 **Percept, LA Hacks 2017, Best User Experience Award by Disney.**  
◦ Web application that inspires users with past photos with specified locations/objects for their next great photo  
◦ Integrated Google Maps API and Datamuse API into backend  
◦ Languages and Frameworks used: JavaScript, JQuery, Node.js, Express, Google Maps API, Datamuse API, Flickr API, Microsoft Computer Vision API
- Sep 2016 - Dec 2016 **liftAI.**  
◦ 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 Frameworks used: Node, JQuery, Soundcloud API, Bootstrap Calendar API
- April - May 2016 **CoupleTones.**  
◦ 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 Frameworks used: Java, Google Maps API, Google Cloud Messaging API, Firebase

## Languages & Frameworks

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