

Victor Chen

Work Experience

- Jun 2017 – **Software Engineering Intern, Google**, New York, NY.
Sep 2017
- o Google Slides Team
 - o Added support for Text Wrapping property (determining if text is confined or overflows past the boundaries of a shape)
 - o Extracted the Text Wrapping property when importing/exporting to Slides from/to PPTX, and added support for client-side and server-side rendering
 - o Languages and Frameworks used: Java, JavaScript, ClosureScript, Android
- Sep 2017 – **Software Engineering Intern, Snapchat**, Venice, CA.
Dec 2017
- Jun 2016 – **Software Engineering Intern, SAP**, Palo Alto, CA.
Aug 2016
- o Worked on the Open API team, developing internal tools for other employees and customers to use
 - o Developed several programs to create, parse, verify, and diff-check XML files
 - o Languages and APIs used: Java, JavaScript, Spring Framework, XML DOM API, SAX API, DTD API, XML Schema API
- Mar 2016 – **CSE Tutor, UCSD CSE Department**, La Jolla, CA.
Present
- o Tutor for OOP, Basic Data Structures & OOD, Unix Lab, Computer Org. & Systems, and Software Engineering Courses
 - o 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 - 3.97.

Projects

- May 2016 - **Autograder Web Developer.**
Present
- o 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
 - o Implemented browser notifications feature to notify students when tutors were available for help, reformatted UI of homework grading platform, and implemented Night Mode CSS theme
 - o Languages and APIs used: Java, JavaScript, JQuery, Play Framework, SQL
- March 2017 - **Percept, LA Hacks 2017, Best User Experience Award by Disney.**
April 2017
- o Web application that inspires users with past photos with specified locations/objects for their next great photo
 - o Integrated Google Maps API and Datamuse API into backend
 - o Languages and APIs used: JavaScript, JQuery, Node.js, Express, Google Maps API, Datamuse API, Flickr API, Microsoft Computer Vision API
- Sep 2016 - **liftAI.**
Dec 2016
- o Created an automated personal assistant with speech-to-text for gym-goers to maintain a scheduled workout
 - o MEAN stack web application that plays music from their Soundcloud playlist and sync it with their workout
 - o Languages and APIs used: Node, JQuery, Soundcloud API, Bootstrap Calendar API
- April - May 2016 **CoupleTones.**
- o Android application that notifies users when their partners visits one of their favorite locations
 - o Implemented backend server on Firebase, and sending notifications to users, and led team in project design and structure
 - o Languages and APIs used: Java, Google Maps API, Google Cloud Messaging API, Firebase

Languages & Frameworks

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