Victor Chen

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Work Experience

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
Bachelor of Science, Computer Science, *UC San Diego*, Provost's Honors, *Major GPA - 3.97*.

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