SARINA CHEN

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EDUCATION

BSc. Computer Science & Microbiology
University of British Columbia, 2019 - GPA **4.0**

HONORS/AWARDS

Chancellor's Scholar Award, Dean's Honour List, Lotus Light Charity Scholarship, Linux Foundation Diversity Scholarship , UBC Grace Hopper Scholarship

LANGUAGES

C++, Java, Javascript/Typescript, HTML/CSS, Swift

TECHNOLOGIES

Ansible, Docker, Elasticsearch, Firebase, Git, Jenkins, JUnit, Node.js, React/Redux, SQL, Xcode

EXPERIENCE

Backend Software Engineer Intern, OpenTable, *San Francisco*   *Jun 2018 - present*
- Implement additional location and restaurant search & autocomplete functionality for the search engine API
- Technologies: ElasticSearch, Java/Spring, Javascript/Node.js

Junior DevOps Engineer - Coop, Tasktop Technologies, *Vancouver*   *Sep 2017 - May 2018*
- Develop new functionalities for internal web tools using Javascript, React and MySQL, deployed via Docker swarm
- Set up configuration automation using Ansible to provide repeatable system configurations for the company VM's

Bioinformatics & Website Assistant, Kinexus Bioinformatics Corporation, *Vancouver*   *May - Aug. 2017*
- Assisted in the development of algorithm used for determining key amino acid positions in kinase-drug interaction
- Create new querying modules for company websites in C# and MS-SQL

PROJECTS

CareBOTyou *(2nd place winner)*   *MLH Local Hacks - UBC 2017*
- A chatbot that gages user emotion from messages and respond accordingly to help individuals deal with stress and tackle mental health issues, implemented using Javascript, Node.js, Microsoft Azure & Text Analysis API

EatNow **iOS App**
- Help group of friends explore & decide on restaurant to eat with an interactive swipeable view, implemented using Swift 4, Xcode and Yelp API

SpeakEasy **VR Project**   *Eduhacks 2017*
- Aims to help people overcome fear of public speaking by creating a virtual environment of speaking in front of a crowd and transcribes speech to text to help user identify places of mispronunciations and filter words
- Implemented using C#, Unity, Google Cloud Speech

insightUBC **Web App**   *Sep - Dec 2016*
- App enables querying of metadata on UBC courses and rooms, and room scheduling based on a greedy-approach, implemented using Typescript, Node.js, Chai.js, React, and Webstorm

COMMUNITY INVOLVEMENT

Mentor, Technovation Challenge   *Jan - May 2018*
iOS Developer, UBC Launch Pad   *Sep 2017 - Present*
President/Founder, RESULTS Canada UBC Chapter   *Jan 2016 - May 2017*
Science Peer Academic Coach, UBC Faculty of Science   *Sep 2015 - May 2017*
UBC Computer Science Tri-mentoring   *Sep 2016 - May 2017*
Hackathons: Eduhacks, Lumohacks, MLH Local Hacks