

# George Xu

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## EXPERIENCE

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- **Slack** Vancouver, BC  
*Software Engineering Intern*  
May 2020 - Sept 2020
  - Ongoing
- **SAP** Vancouver, BC  
*Agile Developer Intern, SAP Analytics Cloud*  
Sept 2019 - Apr 2020
  - **Improved rendering time and heap usage by 50%** by assisting in refactoring Analytics Cloud's 'Waterfall Chart' feature from Javascript to Typescript- **implemented lazy-loading, React/Redux, typing and 100% Jest test coverage**
  - Implemented and designed architecture to allow for users to add multiple hyperlinks within both titles and within data-points of SAP Analytics Cloud data visualization charts.
  - Efficiently diagnosed and fixed bugs, **closing over 80 front-end and backend bug tickets** throughout the 8-month term
- **Royal Bank of Canada** Toronto, ON  
*Software Developer Intern*  
May 2019 - Sept 2019
  - **Won an internal hackathon** by creating a virtual machine diagnostics bot that automated the server outage repair process so that branch managers can self-diagnose problems through Slack
  - Developed an internal tool that masked and anonymized client account data for testing purposes, shortening the time it took to acquire test data from **3 weeks to <1 minute**
  - **optimized code by 88%**, by implementing promises and thread concurrency limitations, cutting down run-time by **30 hours a month**

## PROJECTS

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- **Electronjs API**
  - Feature contribution to the electron open source project
  - Returns the installation path, display name and icon of the application that handles a given URI protocol
  - <https://github.com/electron/electron/pull/24112>
- **Enviro-educational Food App**
  - mobile application that returns the ecological footprint of the dishes that users eat
  - Uses Google Vision API to identify dish names eg. spaghetti, then parses ingredients out using RecipeAPI and calculates the environmental impact of said ingredients.

## AWARDS AND ACHIEVEMENTS

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- **Hackathons**  
1st place, *BizHacks2019* || Most Innovative, *RBCxSlack Innovation Challenge*  
2nd place, *LumoHacks2018* || 3rd place, *ThinkTech2018* || 3rd place, *BizHacksxRealtor.com2017*

## SKILLS

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- **Languages:** Javascript\*/Typescript\*, C++\*, HTML/CSS\*, Java, C
- **Frameworks and Tools:** Electronjs\* Nodejs\*, Git\*, Jest/Jasmine\*, MERN\*, SAPUI5\*  
*\*professional experience*

## EDUCATION

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- **University of British Columbia**  
*Combined Major in Business and Computer Science* Anticipated Graduation : 2022