

## George Xu

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### RELEVANT SKILLS

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- **Languages and Frameworks:** Java, Javascript, NodeJS, C/C++, R, MongoDB, HTML/CSS, React+Redux
- **Tools:** Git, JUnit/Jest, Express, UML, Postman, Swagger, SourceTree

### EXPERIENCE

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- **SAP** Vancouver, BC  
*Incoming Software Developer Intern* Sept 2019 - Apr 2020
- **Royal Bank of Canada** Toronto, ON  
*Software Developer Intern* May 2019 - Sept 2019
  - Developed and integrated an internal tool that allows users to "checkout" customized test client data
  - Stored and managed 70000 entries of test client data in a MongoDB database
  - Refactored and optimized code by 88%, cutting down run-time by 30 hours a month by implementing promises and thread concurrency limitations in order to introduce asynchronous API calls while reducing request burden
  - Wrote Jest tests and built front-end tool UI using React/Redux, CSS, HTML and Swagger(for documentation)

### PROJECTS

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- **VisualEyes: Online Engagement Analysis Tool :**
  - First place BizHacks2019 grand prize winner
  - Data visualization and user-testing tool that utilized eye-tracking and emotion recognition to display website engagement and conversion
  - Key Technologies: Microsoft Azure, Firebase, Heatmaps.js, Webgazer.js
- **PayTogether: Group Receipt Splitting Bot:**
  - NodeJS interactive slackbot that recognizes and parses receipt images to simplify the cost splitting of social outings.
  - Key Technologies: Microsoft Azure Computer Vision, Slack API, NodeJS
- **VREMDR: Virtual Reality Psychotherapy App:**
  - 2nd place LumoHacks2019 winning submission
  - VR Android app port of EMDR, an existing psychotherapy treatment that increases affordability and accessibility
  - Gave private clinic business presentations to interested investors
  - Key Technologies: Java, C, Android Studio

### AWARDS AND ACHIEVEMENTS

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#### First Place Overall and Best Buy Prize Winner

*BizHacks2019*

#### First Place Overall and Most Innovative Idea Winner

*RBCxSlack Innovation Challenge Hackathon*

#### 3rd Place UBC team

*DeloitteBizTech ThinkTech2018 Case Comp/Hackathon*

#### 2nd Place Overall and Best .tech Website Winner

*LumoHacks2018*

### EDUCATION

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- **University of British Columbia**

*Combined Major in Business and Computer Science*

*Anticipated Graduation : 2021*