

# Jodie Xiang

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## Skills

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- o **Languages:** Java, Javascript/Typescript, Python, C/C++, HTML/CSS, SQL
- o **Technologies/Tools:** React/Redux, Node/Express, Spring, Flask, Gradle, Git, PostgreSQL, MongoDB

## Experience

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- o **Amazon** **Vancouver, British Columbia**  
*Software Development Engineering Intern* *May 2022 – Present*
  - Leading the design and development of an onboarding portal for hundreds of internal business teams, aimed to reduce manual onboarding workload and errors
- o **HackThe6ix** **Remote**  
*Web Developer Executive* *Feb 2022 – Present*
  - Built robust, reusable components for a new landing page in **React/Typescript** and **SCSS**
  - Added distributed tracing to the **Node/Express** backend service using **OpenTelemetry** and **Google Cloud Trace**
- o **Carta** **Remote**  
*Software Engineering Intern* *Sep 2021 – Dec 2021*
  - Spearheaded the development of account modes in **Java/Spring** and **React/Typescript**; allows for easier account onboarding and the toggling of different product features for different account modes
  - Designed and implemented the end-to-end functionality for allowing users to archive objects; led design discussions with multiple engineers and designers and wrote technical design document
  - Implemented user analytics tracking in critical workflows on the UI through **Amplitude**, providing UX team with more visibility into how users utilized the product
- o **OANDA** **Remote**  
*Full-stack Software Developer Intern* *Jan 2021 – Apr 2021*
  - Owned the development of a **Python/Flask API** to integrate a third party service with OANDA's trading platform user registration; expected to increase user registration success rates by 20+% and improve customer onboarding experience
  - Implemented components in **React/Typescript** and **Formik** for a new streamlined user registration flow
- o **PointClickCare** **Remote**  
*Software Engineering Intern* *May 2020 – Aug 2020*
  - Architected and led the full-stack development (**Java/Spring, Vue.js**) of a feature that enables customers to search for partial document matches, increasing the number of results returned in customer searches by 10%
  - Researched and implemented a **REST API** in **Java/Spring** to store documents in **Azure Blob Storage**
- o **DigitalEd** **Waterloo, Ontario**  
*Quality Assurance Analyst Intern* *May 2019 – Aug 2019*
  - Researched and created a **Python script** for test case prioritization for the QA Department, improving the runtime and efficiency of the automated test suite

## Projects

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- o **Twiddit**  
*Node.js, Express.js, MongoDB, Mongoose, React, Redux*
  - Designed and developed a social networking and micro-blogging web application where users can post, like, and reshare messages within user-created communities; inspired by Twitter and Reddit

## Education

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- o **Candidate for Bachelor of Computer Science** **University of Waterloo**  
*Waterloo, Ontario* *Sept 2018 – Apr 2023*
  - Major GPA: 3.9/4.0, President's Scholarship of Distinction, Honour Roll
  - **Relevant Courses:** Algorithms, Data Structures and Data Management, Computer Networks, Computer Security and Privacy, Object-Oriented Software Development, Operating Systems, Database Management, User Interfaces