

# Benson Lai

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GitHub: <https://github.com/biingchyn>

Website: <http://bensonlai.s3-website-us-east-1.amazonaws.com>

## Core Competencies and Skills

- **Proficient:** C++, Java, Javascript, nodeJS, HTML, CSS, REST APIs, Git Versioning Control, Unix, Windows OS, MongoDB, Angular, AngularJS, Amazon Web Services (AWS), S3
- **Working Knowledge:** MySQL and SQLite, Software Testing Methodologies
- Fluent in English and Mandarin Chinese, as well as conversational French

## Work Experience

### Software Developer | Wizard Tower

Feb 2021 - Current

#### JavaScript, MongoDB, SQL, Text Analysis (NLP), NodeJS

- Developed a bot for use in the Wizard Tower Discord server with over 350 active users
- Watched the server for spam, promoted sales and deals tailored to users, and automated several aspects of running events to create a smoother experience for users
- Consulted with team members and customers to create and propose features then implement them
- Increased user participation in the Discord server by starting polls and stimulating conversation

### Inventory Shipping Specialist | Wizard Tower

Oct 2017 - Current

- Specialized in receiving, grading, and shipping Magic: The Gathering cards and other products
- Innovated on packaging and shipping techniques to optimize cost of shipping, allowing the store to save thousands of dollars per month
- One of the most trusted shipping specialists in the store with very little error count and high efficiency in processing orders
- Self sufficient and able to work alone or with a team to complete all tasks required to ship all orders for the day, which can vary depending on the products ordered

### Web Application Developer | Canada Revenue Agency

May 2015 - Sep 2015

#### HTML, JavaScript, PHP, CSS

- Worked in a team of 5 developers to create and maintain web applications
- Consulted with tax agents to understand the clients' needs as well as the latest regulations to plan and create features to fulfill them
- Completely refactored and redesigned several decade-old legacy applications with little documentation, significantly increased its performance and customer usability

## Education and Training

### Bachelor of Computer Science, Co-op option, 2nd year

Carleton University, Ottawa, Ontario, Canada

2016-2018, 2020 - Current

## Projects

### Discord Bot (SakuyaBot)

<https://github.com/TLsoku/SakuyaBot>

<https://github.com/TLsoku/SakuyaBotWebPage>

#### Using: JavaScript, Angular, MongoDB, NodeJS, Typescript, SCSS, HTML, AWS

- Created an open source Discord bot that is used by 2 servers and over 50 users
- Developed several features for the bot using NLP text analysis algorithms, external web APIs, and a SQL database
- Complete with web page to interact with the bot
- Main functionality includes organizing and tracking a fantasy sports style draft for currently airing anime shows
- Hosted via AWS

### Personal Website

<https://github.com/biingchyn/PSite>

<http://bensonlai.s3-website-us-east-1.amazonaws.com>

#### Using: JavaScript, Angular, HTML, S3, React

- Personal web page created with Angular to display resume and current projects hosted via Amazon S3