

# KENTO KOBAYASHI

I am a front-end developer with experience in building iOS applications and websites. Visit my personal website to see my work <https://kento-kobayashi.dev/>

✉ [kentokobayashik@gmail.com](mailto:kentokobayashik@gmail.com)

in [linkedin.com/in/kentokobayashi](https://www.linkedin.com/in/kentokobayashi)

📞 647-228-3697

🐙 [github.com/kobayashikento](https://github.com/kobayashikento)

## LANGUAGES

### HTML, CSS, Bootstrap

Designed and built a website that creates non-conflicting schedules for students.

### Javascript, jQuery, AJAX

Built functions for secure log-in, adding/deleting schedules, and viewing existing schedules.

### MongoDB, Mongoose, Node.js, Firebase

Implemented a database which properly handled all the requests from the client.

### Java, XML

Unit testing, refactoring, object-oriented design to create a flight booking app with a team of students.

### C

Learned low level I/O, function pointers, system calls, and dynamic memory allocation. Coded on the shell to understand pipes and sockets.

### SQL (PostgreSQL), JDBC

Used PostgreSQL and designed SQL queries to fetch data from the U of T servers. Experimented with embedded SQL(JDBC).

## PROJECTS

### Personal Website - Using React (10/2020 - Present)

- Used React to create a website from scratch and used Firebase to host the website.
- Learned how to use React-Spring to make smooth animations and made sure the website had proper spacing and color schemes.

### Personal Time Keeper - React web application used to practice coding. Minimal viable product - <https://life-tracker-7fb87.web.app/> (07/2020 - Present)

- Implemented routes and links for the redirections in the React app.
- Learned how to deploy the web application using node.js and heroku as a hosting service.

### UAssist - web service to help university students schedule their timetable (2018)

- Achieved the highest mark of 100% in all 3 phases of the project and cooperated with 2 other students. Learned the commands for git commit and resolves.

### Flight Manager - An android app that makes flight itineraries for users (2017)

- Class Project worked with 3 other university students and learned how to use shell commands (SVN) to commit or resolve conflicts.

### Golf OCR App - iOS app that uses OCR to read handwriting on a golf card to calculate scores. (2017 - Present)

- Personal Project
- Learned how to use XCode and learned how to navigate the development process using storyboards

## EDUCATION

### Statistics, Mathematics

### University of Toronto, B.Sc. (Honors)

*Graduated 2020*

#### *Courses*

- STA437 - Multivariate Analysis
- STA304, 305 - Design and Analysis of Experiments
- CSC309 - Web development, CSC207 - OOP Programming
- CSC343 - Intro to Databases
- CSC209 - Software tools and system programming

## WORK EXPERIENCES

### Mobile App Developer (Swift)

### Marianos, Kroger

*12/2017 - 05/2018*

*Chicago, IL*

#### *Achievements/Tasks*

- Learned how to utilize XCode and SWIFT to create an app that assists employees with restocking and product availability.
- Implemented bar scanning functionality that would notify the availability of a scanned item
- Managed all storage data using Core Data framework and handled syncing issues with other devices using the CloudKit

### IT intern

### Kinden Phils. Corporation

*06/2016 - 08/2016*

*Manila, Philippines*

#### *Achievements/Tasks*

- Fixed and maintained all physical and virtual networks. All physical network issues such as faulty wiring was fixed promptly and efficiently.
- Proposed and implemented a server to upgrade the existing server which was estimated to save the corporation at least 4 hours of network downtime per week.
- (a) Collaborated with several employees, at least 4 employers out of the 40 working employers per day to determine the cause of hardware, software or network issues; (b) Checking file integrity on computers when visiting storage facilities; (c) Performing weekly backups on the server every Saturday;

### University College Dragonboat Coach

### University of Toronto

*09/2016 - 07/2017*

*Toronto, ON*

#### *Achievements/Tasks*

- Managed classes/groups up to 10 people, implemented thorough warmups, program effective workout, and supervised use of gym equipments
- Scheduled, planned and conducted practice sessions, then reviewed and evaluated all race films
- Helped plan conditioning programs to enable players to reach maximum performance