

William Yao

LinkedIn: william-yao | Github: thewilliamyao

william.yao24@gmail.com | 443.691.7571

Education

Johns Hopkins University

Graduating May 2018

Computer Science

Film and Media Studies

GPA: 3.5/4.0

J.N. Burnett High School

Graduated May 2014

GPA: 4.0/4.0

Coursework

Data Structures

Algorithms

User Interfaces and Mobile Applications

Object Orientated Software Engineering

Computer Systems Fundamentals

Discrete Math

Skills

Programming

Java / C++ / C / C# /

Javascript / CSS / Lua / PHP / XML

Frameworks

Ruby on Rails / Angularjs / Nodejs / Ionic / OnsenUI

Databases

MySQL / Firebase

Experienced With

Web & Android & iOS App Development / Mobile Game Development / UNIX

Production

After Effects / Premiere Pro / Flash Professional / Audacity

Design

Photoshop / Sketch

Interests and Languages

Hip-Hop / Guitar / Bamboo Flute / Japanese / Mandarin / French

Professional Experience

Semester.ly Software Engineer

September 2016 - Present

- Maintaining a **course scheduling platform** to allow students to conveniently choose classes to replace their school's antiquated enterprise software
- Designed and built responsive press page
- Over **120,000 unique** timetables created, **1,700** accounts and counting, 900 30-day daily active users and counting, currently at 7 universities
- Leading expansions to University of British Columbia and Simon Fraser University

Gopher Founder, Software Engineer

March 2016 - Present

- Connects hungry users to chefs at home, ranging from amateurs to professionals
- Drafted initial business plan, then developed an **Android app** to ensure intuitive interface and smooth transactions
- Developed with Google Map API and Firebase to display chef's location, check individual's inventory, and handle reservations

Forkable Software Engineer

June 2016 - October 2016

- Developed a **web-app** incorporating Angularjs with Ruby on Rails to generate lunches for clients' employees, track their orders, and manage memberships
- Deployed to over **700** daily users in companies across 4 cities, generating over **50,000** meals in total since June
- **Tripled** Forkable employee efficiency through revamping over 15 designs from the previous UI, then implemented those frontend changes
- Overhauled the splash page and decreased bounce rate by **20%**, now reaching over **1,200 unique** users each day
- Assisted in pivotal launch assignments in New York, Boston, and Los Angeles

Projects and Leadership Experience

Alpha Kappa Psi Business Fraternity Marketing Chair

March 2016 - Present

- Raised over **\$1,600** within 3 weeks by creating and implementing deliverables for 4 fundraising events
- Designed a training program and mentored a group of pledges in social media marketing by providing them with hands-on experience of managing the promotion of an annual charity event, raising over **\$2,000**
- Reached out to 10 offices on campus to co-host events and endorse their missions

SLAM Hip-Hop Dance Team Marketing / Choreography Chair

September 2014 - Present

- Consistently raised over **\$2,000** annually to donate to a local charity through fees and donations from our showcase
- Designed and implemented campaigns to promote our annual showcase and auditions and maintain on-/off-campus presence
- Manage and update contents and properties on SLAM's website

Koala: Real-Time Conversation Translator Full Stack Engineer

October 2016

- 🏆 Hophacks: **2nd Place** Overall, **3rd Place** in Bloomberg's Most Philanthropic Hack
- Allows two users, speaking different languages, to see what the other is saying on a shared device in real-time
- Created a **Node.js app** using Google Cloud Speech API and Google Translate API to detect spoken language, generate translation, and correct grammar on the fly
- Established **network sockets** between the client and our server to provide translation for streaming audio