

Chak Shun (Andy) Pang, Software Developer

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EDUCATION

Aug 2021 — Present	Bachelor of Arts, Cornell University	Ithaca, New York
	<ul style="list-style-type: none">• Major: Computer Science, Physics• Minor: Game Design• Relevant Courses: Foundations of Artificial Intelligence, Computer Systems Organization, Algorithms & Data Structures, Functional Programming, Intro to iOS Development, Modern Web Development, Discrete Mathematics, Object-Oriented Programming, Linear Algebra, Multivariable Calculus	

SKILLS

Java	Swift
Python	ReactJS
C++	MongoDB
JavaScript	Firebase
C#	MySQL
C	Git

PROJECTS

Feb 2023 — Present	Tap Tap	NFC-Connected Menu System
	<ul style="list-style-type: none">• A collaborative project that builds an NFC-based web service that allows customers to interact with menus on their mobile devices across Japan• Developed the user interface using ReactJS with the Bootstrap framework• Incorporated StripeAPI as the core payment method and linked service to NFC tags for easy access• Connected to the Firebase for data storage with Socket.io	
Dec 2022 — Mar 2023	Babblr	Text and Speech Translator
	<ul style="list-style-type: none">• An iOS translator app that can translate between texts, speech, and audio files• Used REST APIs such as DeepL API to translate between languages and AssemblyAI API for speech-to-text conversion in multiple languages• Stores translated texts and speeches on database with MongoDB	
Jun 2022 — Jul 2023	Lumiere	Movies Tracker
	<ul style="list-style-type: none">• An iOS tracker app that allows users to log, comment, and sort watched movies and future watch-lists• Handled over 1,000 reads & writes requests on the database within 2 days of being released on the App Store• Implemented Email Authentication system using FirebaseAuth and data storage via Firestore	

EXPERIENCE

Jan 2020 — May 2021	IT Support Technician, Aiglon College IT Department	Aiglon College
	<ul style="list-style-type: none">• Helped students install school-based protocols and related software• Resolved hardware and software malfunctions on students' electronic devices Hosted regular Q&A sessions and provide support for students with questions in Computer Science courses	
Sep 2019 — May 2021	Tech Lead, Aiglon Development Team	Aiglon College
	<ul style="list-style-type: none">• Lead a group of skilled developers to build apps to serve 400+ students and staff• Developed a web-based pre-ordering app for community café using Google Apps Script and MySQL• Created a mobile messaging app that allows residential staff to check in with students when they leave the campus area with Swift UIKit and ChatSDK Framework	