

# Paul Thi

1130 CityLine Dr, Richardson, TX 75082 • 518-331-4970 • paul.w.thi@gmail.com • github.com/PaulWThi

---

## OBJECTIVE

As a full-time developer both in the office and at home, I wish to obtain a position that will enable me to utilize my education, experience, and vast knowledge in a fast-paced environment. Extremely self-motivated with a strong desire to produce creative products, it is my absolute greatest mission to excel in the field of technology.

## SKILLS

<b>Technical</b>	Java, Swift, JavaScript, SQL, COBOL, Git, Cocoapods, XML, JSON
<b>Software</b>	Eclipse, IntelliJ, Xcode, Android Studio, GitHub, Realm, Firebase, IBM Rational Software, DB2, Data Studio, Photoshop
<b>Languages</b>	English, Chinese (Cantonese)

## SIDE PROJECTS

<b>Bongo Cat</b>	An app based off the viral 'Bongo Cat' sensation, completely built using custom/edited images and sounds. It has multiple instruments functionality with custom animations/sounds using UIKit and sound engineering softwares.
<b>Wut Flower</b>	An app that utilizes a Flower Classification Core Machine Learning Model. Users take a picture of a flower and the app will respond with the type of flower along with the Wikipedia article associated with it.
<b>Clima</b>	Weather app that utilizes Cocoapods' Alamofire and SwiftyJSON to call a weather API to retrieve and parse weather information based on geolocation or user input. Has various functionalities such as a toggle for celsius and fahrenheit.
<b>Flash Chat</b>	Messenger app that utilizes Google's Cloud Database Firebase. Users register with their email and can customize their profiles. All profiles and their associated messages are stored on the cloud.

## PROFESSIONAL EXPERIENCE

### iOS Developer

*Bottle Rocket Studios (Dallas, Texas)*

*2019 - Present*

- Developing and delivering some of the most popular and highly rated iOS Apps to the Apple Store.
- Programming in Apple's newest native language: Swift.

### Software Developer

*NYS Office of Temporary and Disability Assistance (Albany, New York)*

*2018 - 2019*

- Develop and maintain the legacy system for New York State's Welfare Management System (WMS) working primarily in Unisys OS 2200 COBOL. These programs process thousands of cases to determine their eligibility for Welfare Assistant Programs such as Medicaid, Food

Stamps, and Housing Assistance.

- Supervise newly hired developers insuring their future success and productivity. This is done through both formal training classes, and informal 1-on-1 training sessions.
- Standardized department's work processes including transitioning from Textpad & Notepad++ to ClearPath OS 2200 IDE for Eclipse.

## **Web Application Developer**

*NYS Department of Tax and Finance (Albany, New York)*

*2015 - 2018*

- Developed Enterprise Web Applications for the NYS Department of Tax and Finance using primarily Java EE. Worked and maintained applications such as: OSCAR (One Stop Credentialing and Registration), HUT (Highway Use Tax), and IFTA (International Fuel Tax Agreement). These applications are used externally and internally primarily benefiting New York State and its' taxpayers.
- Collaborated with Business Analysts to update department's legacy system from COBOL to Java. This was done by creating Java wrappers over COBOL copybook data structures, or complete code rewrites.
- Experienced the full web stack. From creating UI elements with JavaScript/CSS in JSP files, to programming complex calculations and data structures in Java, and finally inserting/retrieving data to/from an IBM DB2 relational database either by calling COBOL business components or using SQL queries. The database was managed using IBM Data Studio, while using IBM ClearCase as version control.

## **COLLEGE EDUCATION**

### **Bachelor's of Science in Computer Science**

*University at Albany, SUNY - Albany, NY*

*Graduated 2014*