

GI PYO (JOHN) KIM

IOS DEVELOPER

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SKILLS

LANGUAGE: Swift, Objective-C, Python, C/C++, HTML/CSS

TECHNOLOGY: CoreData, UIKit, SwiftUI, REST / JSON, Git

PROJECTS

ROK Calculator

Aug. 2020 - Sept. 2020

iOS app which helps the mobile game "Rise of Kingdoms" players with calculating how many speedup items they have in total. Downloaded more than 2,600 times on the App Store.

- **CoreData** - Saved speedup totals and showed the past record as a bar graph
- **SwiftUI** - Built responsive UI with MVVM design pattern

Schematic Capture

Jan. 2020 - Mar. 2020

iOS/web app for capturing and annotating photos of manufacturing machinery. The web app is responsible for assigning jobs and providing appropriate job-sheets to field technicians. The iOS app is responsible for the field technicians to download assigned job-sheets, take photos, and annotate them.

This project was built with 4 full-stack web developers, 1 UX designer, and 1 iOS developer.

- **Firebase** - Provided secure onboard methods and stored job sheets, schematics, and photos
- **PencilKit** - Handled Annotation of captured photos
- **PDFKit** - Provided an easy mechanism to view schematics
- **CoreData** - Persisted projects and jobs for offline capabilities

Flappy Bird NEAT-Python

Mar. 2020 - Apr. 2020

This is a clone of the Flappy Bird game incorporated with NEAT(NeuroEvolution of Augmenting Topologies)-Python. The position of the bird, top pipes, and bottom pipes are fed to NEAT-Python to create artificial neural networks and determine when to jump.

- **Pygame** - Constructed the game mechanics and rendered the game objects
- **NEAT-Python** - Created neural networks based on the fitness of the bird on each generation where the fitness was determined by the score and the bird's survival duration

EMPLOYMENT

Lambda School, *Team Lead*, Remote

June 2020 - Oct. 2020

- Led two teams of 9-10 students that emulate a real work environment using Slack and Zoom
- Delivered one-on-one feedback and Python code reviews on a daily basis

U.S. Army Reserve, *Specialist, Construction Equipment Repairer (91L)*, Riverside, California

Dec. 2015 - Current

- Physically and mentally trained to live by the Army Values: loyalty, duty, respect, selfless service, honor, integrity, and personal courage
- Responsible for maintaining trucks, bulldozers, power shovels and other heavy equipment needed for construction operations
- Maintain and replace mechanical, electrical, and hydraulic systems in construction equipment

World Financial Group, *Assistant to Executive Marketing Director*, Cerritos, California

Sept. 2016 - June 2019

- Reviewed and processed insurance documents and ensured accuracy and appropriateness of data
- Assisted a team of 50+ insurance agents who are not fluent in English to communicate with underwriters via phone and email
- Filed and maintained 300+ client insurance files

EDUCATION

Lambda School

Sept. 2019 - Current

iOS Development (<https://lambdaschool.com/courses/ios-development>)

Fullerton College

Aug. 2013 - May 2015

Computer Science