

# Anand Batjargal

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## Skills

**Languages:** Python, Swift, JavaScript, Java, Scala, C, C++, HTML, CSS, SQL, MongoDB, GraphQL

**Libraries & Frameworks:** SwiftUI, React, Express, jQuery, Mongoose, Bootstrap, Node.js, Gatsby.js,

**Tools & Platforms:** Xcode, Postman, Git, Jupyter Notebook, Firebase, Figma, Heroku, Contentful, Netlify

## Experience

**Software Application Engineer** at **Workday**, HR Core - Pleasanton, CA

May - Dec. 2019

- Assisted in the development of Change Location and Change Manager chatbot features for Workday Assistant
- Enhanced REST API retrieval, processing, and validations for Workday Cloud Platform
- Completed bug fixes for UI and backend processing for Change Job feature

**Software Engineering Intern** at **Intuit**, Turbo iOS - San Diego, CA

June - Sept. 2018

- Used UIKit to implement reusable and responsive UI components that work across all Apple mobile devices
- Developed Siri Shortcuts integration UI and voice prototype for Turbo in anticipation for iOS 12 release
- Tracked load, view, and click data analytics to be viewed in Splunk and Segment for new screens in the application

**Instructional Student Assistant** at **Cal Poly** - CSC 436, Mobile App Development

Sept. 2017 - June 2018

- Assisted and graded 120+ students with their iOS mobile application assignments and projects
- Accelerated students programming proficiency and knowledge of Swift & UIKit
- Taught students using Apple's IDE for iOS development, Xcode

## Projects

**NextWord, iOS Application, Founder**

- Implemented a flashcard English word learning application targeted towards native Mongolian speakers
- Integrated 1,000 English words with equivalent Mongolian translations
- Incorporated gamification principles to implement points, leaderboards, and level unlocks for user engagement and retention

**YumQuest, iOS App, Mobile App Development Final Solo Project, [GitHub](#)**

- Created an iOS application that allows users to rate the individual menu items of nearby restaurants
- Utilized Mapkit and Core Location to obtain app users' current location
- Obtained extensive restaurant and menu data from Foursquare API to provide the user of nearby restaurants
- Stored users' ratings on Google Firebase so that the data can be synced with all users in real-time and remains available when the app is offline

**Random Advice, iOS App, Personal Project, [GitHub](#)**

- Created a single view application that gives the user random advice at the press of a button
- Obtained the random advice data as a JSON from the Advice Slip API
- Customized the background of the app to change color each time a new advice is displayed on the screen

**FBI Crime Data Analytics and Visualizations, Web Application, [GitHub](#)**

- Built an interactive web application that allows users to observe and interact with FBI crime statistics
- Implemented data interactivity by allowing users to select from a number of visualization tools
- Distributed the project tasks to team members based on their strengths, weaknesses, and interests

**HTTPD, Web Server, Systems Programming Final Programming Assignment, [GitHub](#)**

- Built a simple web server that supports a subset of HTTP from the ground up
- Incorporated cgi-like support that allows programs to execute on the server and provide the output back to the user
- Utilized C-based system calls such as fork, exec, as well as proper resource management of child processes and pointers

## Education

**California Polytechnic State University, San Luis Obispo (Cal Poly)**

Bachelor of Science in **Computer Science**, Dec. 2018

GPA: 3.40

**Certifications & Online Learning:**

The Complete 2020 Web Development Bootcamp, [GitHub Certificate](#)

Udemy

The Complete 2020 iOS (iOS 13 & Swift 5) Development Bootcamp, [GitHub](#)

Udemy