Micah Bunting

(512) 838-3250 · amnykon@gmail.com · https://www.linkedin.com/in/micahbunting · https://github.com/amnykon · https://amnykon.github.io

Skills

 Swift   Objective-C   CloudKit   MapKit   SceneKit   XCTest   Git   Restful Api

Experience

Freelance Senior iOS Developer   *Amnykon Studios* – Austin, TX.   1997 – Present

Photo Drops - Share photos in an interactive game.   https://itunes.apple.com/app/id1266946388
Group developed iOS app. Technology used: Swift, MapKit, CloudKit, AVFoundation, Git.
- Tech lead over a team of 4.
- Utilized CloudKit to store and retrieve photos.
- MapKit was used to annotate where photos were taken.
- Used Core Location to determine photo visibility.

Project Flow - Organize projects into tasks and subtasks.   https://itunes.apple.com/app/id1261434444
Personally developed iOS app. Technology used: Swift, CloudKit, Git.
- Utilized CloudKit to store project information.
- Shared database was used to allow multiple people to coordinate their efforts on a project.

SParser - Develop a Swift parser using a simple parsing language.   https://github.com/amnykon/SParser
Personally developed compiler. Technology used: Swift, XCTest, Backus–Naur form, Git.
- Converts .sparser files directly to Swift files to be compiled along with other code.
- Decreases the time it takes to develop parsers.

Red7 - Online card game.
Personally developed card game. Technology used: Objective-C, NCurses, TCP.
- Used sockets to network between several computers.

Geometric Tactics - 3D Strategy game.   https://github.com/amnykon/GeometricTactics
Personally developed iOS game. Technology used: Swift, SceneKit, Git.
- Rendered display with SceneKit.
- Implemented 3D animations using SCNActions.

Distributed Auto Build File System - Automatically build and backup files utilizing systems across the web.
Personally developed file system. Technology used: C, FUSE, Merkle tree data structure.
- Used a Merkle tree data structure to store and retrieve files.
- Utilized FUSE to interact with the kernel.

Software Technician   *National Instruments* – Austin, TX.   2014 – 2017

ATSturbine - Test Suite Framework.
Personally developed framework. Technology used: Python, Jenkins, Perforce, Yaml.
- Leveraged existing components to build the test suite framework.
- Yaml was used to configure test suite's installation instructions.
- Developed test suites for high-speed serial and pattern-based digital instruments using ATSturbine.

Photo Lithography Technician   *Samsung Austin Semiconductor* – Austin, TX.   2011 – 2013

Tool of Tools - Remote Access App.
Personally developed App. Technology used: C, cURL, SSH, VNC, GTK+, SQL.
- Automated the retrieval of reports which resulted in a 95% improvement of time management.
- Received Praise Award for software development.

Nuclear Electronics Technician   *United States Navy* – Bremerton, WA.   2005 – 2011

Education

DevMountain	Immersive iOS Development	Graduated 2017
Excelsior College	Bachelors of Science in Nuclear Engineering Technology	Graduated 2015