

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

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, 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.

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 reimagine the test suite and run the tests.
- 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.

- Developed an application to automate the retrieval of lot reports from production tools which resulted in a reduction of time to disposition lots by 95%; received Praise Award for program development.

Nuclear Electronics Technician

United States Navy – Bremerton, WA.

2005 – 2011

Education

Dev Mountain
Immersive iOS Development
<https://devmountain.com>
Graduated 2017

Excelsior College
Bachelors of Science in
Nuclear Engineering Technology
Graduated 2015