

## JACK OF ALL TRADES, MASTER OF GOOGLING

Eager to learn, hands-on individual with a strong initiative to improve on solutions, processes and systems seeking an internship or entry position providing the opportunity to contribute and expand upon skills, experience, and capabilities.

## EDUCATION

**CSU, FULLERTON** | B.S. IN COMPUTER SCIENCE WITH EMPHASIS ON SOFTWARE ENGINEERING  
2014 - 2018 | Fullerton, CA

## COMPUTER SKILLS

### PROGRAMMING LANGUAGES

Working knowledge

Java • Python • C# • HTML5/CSS3/XML/JSON • Javascript

Basic Knowledge - Ready to Learn More and Master

Kotlin • C++ • x86 Assembly • PHP • GoLang

### FRAMEWORKS | LIBRARIES | TOOLS

Android Studio • Visual Studio and VS Code • PyCharm IDE • IntelliJ

IDEA • Flask Web Framework • Unity Game Engine • .NET Core

### OPERATING SYSTEMS

Linux • Windows • Android

### MISC

Git • SQL • Bash & Shell Scripting • Hardware Assembly & Maint. • Data Structures & Algorithms  
Software Development Life Cycle • Object Oriented Programming • Web Services

## PERSONAL PROJECTS | Visit [dn00.github.io](https://dn00.github.io) for more details

### PREVIE - PROJECT IN PROGRESS | ANDROID CAMERA APP WITH PRE-RECORDING FUNCTIONALITY

Building with Android Studio • Java

- Captures user select-able length of video and audio before the shutter button is pressed.
- Introduces a new way to record videos and increase efficiency as well as user convenience in the video recording process.
- Technology and algorithms used or implemented: Circular array data structure • OpenGL ES • advance Android APIs • MP4 media container.

### A-BAY | AMAZON TO EBAY DROPSHIPPING MANAGEMENT SOFTWARE

Built on Flask Web Framework with Celery Task Queue, PySQL, SQLAlchemy, Bootstrap • Python

- Full-stack e-commerce solution for selling Amazon products on eBay utilizing Amazon and eBay's web API services. Built to scale, as well as accelerate and automate the work flow of an eBay dropshipping business.
- Increase business efficiency with features: CRUD style management of products • price matching Amazon prices to eBay • automated shipment tracking updating • costs/profit history • multiple account capability • Amazon item and description scraper • and multi-server distributed task queues using Google Cloud Engine for rapid updates.
- Software helped to maintain a profitable personal business.

### DISCORD BOT FOR LINEAGE 2: REVOLUTION | DISCORD BOT TO INCREASE EFFICIENCY OF A GUILD

Built with Visual Studio on .Net Core, Discord API • C#

- Utilizes packet interception with WinPcap to log and record incoming game data.
- Increase clan efficiency with features: respawn notification • guild member online status • bounties with rewards automated In-game skirmish alerts • and recording of various in-game data for guild management purposes.
- Utilizes dependency injection to implement a clean, testable, and maintainable structure of the micro-services architecture.

### DEXCUBE | 3D ANDROID GAME

Built on Unity 5 Game Engine with Android Services Library • C# and JavaScript

- Minimalistic graphics with simplistic yet addictive and challenging gameplay; player dodge obstacles with touch controls.
- Connected to Google Play Services for features such as leader-board statistics and sharing.