

JACK OF ALL TRADES, MASTER OF GOOGLING

Eager to learn, hands-on individual 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

UNIVERSITY OF CALIFORNIA, DAVIS | COMPUTER SCIENCE
2012 - 2013 | Davis, CA

COMPUTER SKILLS

PROGRAMMING LANGUAGES

Working knowledge

Java • Python • C++

Basic Knowledge - Ready to Learn More and Master

Kotlin • C# • x86 Assembly • HTML5/XML/CSS3 • Javascript • PHP

FRAMEWORKS | LIBRARIES | TOOLS

Android Studio • Celery Distributed Task Queue • SQLAlchemy

Visual Studio and VS Code • PyCharm IDE • IntelliJ IDEA • Flask Web

Framework • Unity Game Engine

OPERATING SYSTEMS

Linux • Windows • Android

MISC

Git • SQL • Web APIs • Bash & Shell Scripting

Hardware Assembly & Maint. • Open Source Dev.

Data Structures & Algorithms • Game Programming

PERSONAL PROJECTS | Visit dn00.github.io for more details

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

Android Studio • Java

- Captures user selectable length of video and audio before the shutter button is pressed.
- Utilizes circular array **data structure**, **OpenGL ES**, advance **Android APIs**, **MP4 media container** and is a conglomerate of **open source projects**.

A-BAY | AMAZON TO EBAY DROPSHIPPING MANAGEMENT SOFTWARE

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.
- Helped to maintain a profitable personal business.
- Features include: 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.

A-BAY ANDROID APP | SUPPORT APPLICATION FOR ORDERING OF AMAZON PRODUCTS

Android Studio with Amazon API, eBay API, Javascript • Java

- Semi-automates the ordering process of an Amazon product on an **Android** device, allowing for mobility of an eBay business. Communicates with eBay's **web API**.
- Utilizes **Javascript** injection to semi-automate the ordering process.

DEXCUBE | 3D ANDROID GAME

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 leaderboard statistics and sharing.