

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 Services • Bash & Shell Scripting

Hardware Assembly & Maint. • Game Programming

Data Structures & Algorithms • Agile Software

Engineering & Testing • Technical Writing

PERSONAL PROJECTS | Visit 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.
- 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.
- Features implemented: 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.

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

Built with 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

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.