**Truc Huynh**

US Citizen **#** [jackyhuynh87@gmail.com](mailto:jackyhuynh87@gmail.com) **#** (408)896-3449 **#** linkedin.com/in/trucdev

Seeking software development internship with strong analyst skills and eager-to-learn attitude

**Education:**

Purdue University Fort Wayne (IN) # *MS of Computer Science* (May 2022) GPA: 3.33

ECPI University(VA) #*BS of Computer and Information Science* (Honor) (Sep 2019) GPA: 3.97

De Anza College (CA) # *AA of Enterprise Security*(Dec 2014) GPA: 3.66

**Project:**  (Host at github.com/jackyhuynh)

* **Google Route Planner** # *Python, Data Structure and Algorithm, O.O. Design*: Implementation of the A\* Search Algorithm to find the best route search from point A to point B. (application implement a Google-maps style route-planner)
* **Fraud Transaction Detection** # *R, Machine Learning, Predictive Models*: design to detect fraudulent credit card transactions in real-time. Achieve the average of 99.69 % to detect fraud in real-time.
* **Mobile Expense Tracking** # *Java, Android Studio, SQL Lite*: allow users to enter and track their expenses. Users can add, modify, and delete the items in the expense list. Features: password complexity, encryption, and UI/UX design
* **Image Classifier** (Day/Night Classifier, Traffic Light Classifier, High Pass filter) # *Open CV, Python, Machine Learning, AI*: apply the latest technology of AI to help sensor detect surrounding environment for moving robotic (self-driving car), e.g.: High-Pass filter detect car’s edge, street lane…; Traffic Light Classifier classifies what is the current traffic light.
* **Team Activities Tracker** # *Web API, C#, JavaScript, CSS, SQL Server, Visual Studio, .NET*: The Team Task Tracker allows multiple members to access and assign tasks (and modify) to the activity-list through the web portal. Feature: WEB API architecture; sever-backend: C#; database: SQL Server/ clients are written in HTML, CSS, JavaScript
* **Reconstruct Trajectories from Sensor** # *Sensors, Python, Calculus, Trigonometry*: measure sensors (Rate Gyro, Odometers, Inertial Measurement Unit) and applied calculus to re-construct the robot's trajectories.
* **Automotive Customization System** # Java, Apache Tomcat, Object-Oriented Design: Back end API allows multiple users (clients) to view, edit, or configure their car and store it to the web site (server).
* **Other Project & Research**: Covid19 General Analysis (R, Machine Learning); Research of Digital Impact on Human Brain (HTML, CSS, medical research); Robotic Design and Development (C++, embedded, calculus,); Process Synchronization & Multithreading Optimization (Java, Multithreading, OS Architect & Optimization), Applied Probability for Robotic Localization (Bayesian Statistic, Python, Localization, Probability), Inventory Prediction (Classification), Linux Shell (Linux Kernel), Matrix Multiplication using Multithreading (C, Linux), Registration Management System (C++, Data Structures)
* **Ongoing Project**: R for Stock Prediction (R, Predictive Models); R for Bioinformatics (R, Biology, Machine Learning)…

**Technical Skills:** Administrator, Networking, MS Office, MS Visio, MS Project, IT, networking, Data Visualization, GitHub, Jira, Word, Excel, Power Point

**Soft Skills:** Teamwork, Organization, leadership, staff training, customer service, management, Vietnamese

**Experience:**

**Business Analyst/ Tech Support**: *Luxe Nails & Spa L.L.C • Fort Wayne, IN* **(Dec 2018 – Jun 2020)**

Work as the project manager to develop Luxe Nails Project ($500,000 in value). Successfully designed budgets, support systems, risk-assessment plans, construction, and equipment for the Luxe Nails’ project. Coached the team in technical support (POS., data input, PCs, networking, and printers) and ensure all systems are function properly at 100%

**Logistic Specialist:** *US Army • Fort Eustis, VA*  **(Nov 2015 – Nov 2017)**

Analyze the VSO(Vessel Support Office)’s system, discovering there were no controls to monitor inventory records. Thus, developing an inventory record and tracking database that ensure VSO warehouse stocks, and tools are accountable by 100%. Prepared routine reports to the higher headquarters, performing daily systems checks, and maintained on the assigned vessels to ensure vessels’ performance is 100%

**Teaching Assistant:** *De Anza College• Cupertino, CA* **(Jan 2014 – Jul 2014)**

Worked under the Advanced Technology Center Manager toward any coding issues that C.I.S students may submit. Guided student's projects to ensure students meet their instructor's requirements(Appreciation Awards are received)

**IT tech Support:** *Phu’s Computer Shop • Ho Chi Minh, Vietnam* **(Aug 2009 – Mar 2011)**

Provided base level IT support to clients. Identified, developed, installed, and monitored clients’ systems to ensure their efficiency. Conducted research that reduced the loss of unsatisfied customers by 15% in my first fiscal year