Tin Huynh

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EDUCATION

Bachelor of Science in Computer Science | August 2019 – August 2021 | Georgia State University, Atlanta, GA
- Concentration: Software Engineering.
- Related coursework: Algorithms and Designs, Data Structure, Mobile App Development, Operating Systems, Programming Language Concepts, Software Engineering, System-Level Programming, Web Development.
- Graduation honor: Summa Cum Laude.
- Honors - Awards: Distinction in Major, President's List, Dean's List | GPA: 3.88.

Bachelor of Arts in Philosophy | August 2014 – May 2016 | St. John's University, Queens, NY
- Related coursework: Data Structure, Logic.
- Graduation honor: Magna Cum Laude.
- Honors - Awards: Dean's List.

PROJECTS

Baby Buddy, an android application to check babies in and out of cars, written in Java.
- Led a team of five members to plan and manage the flow of building Baby Buddy app using Agile methodology via Zenhub.
- This app helps prevent such events that parents forget their babies in their cars for extended period of time by using Accelerometer to track the parents' mobile devices or cars movement.
- All users' information and tracking data are stored in Firebase database and accessible across many devices.

Computer simulation for Monte Carlo Method in Java.
- This program uses Monte Carlo method to simulate a network of 20 computers and show how virus spread from one computer to other computers in the network with probability of 0.01.
- The number of simulations can range from 50,000 to 500,000.

E-commerce website that offers rental and parking services in HTML, CSS, and JavaScript.
- Led a team of five members.
- This website allows users to reserve a car rental and/or parking spot. All data is stored and retrieved from the Firebase database via Firebase API.

Happy Shopy, an online shopping app for mobile and web applications in Dart and Flutter Framework.
- This app allows users to register for a new account or login using their login credential or using their Google account or anonymously with the help of Firebase Authentication API.
- Users can browse items listed for sale, add them to cart, checkout and track their order through the app. All transactions are handled by Stripe Payment Services via Stripe Payment API.

Student Database Management System in C.
- This system can be used to manage and store students' personal information and grades.
- All data is stored on a local directory in the binary format for privacy and security.
- There are three types of users for the system, which are administrators, professors, and students. Each type of users has their own set of controls with admins having the full control over the database.

SUMMARY OF SKILLS

- **Language (entry-level)**: Assembly, C/C++, Dart, Haskell, Java, JavaScript, Prolog.
- **Web Dev (entry-level)**: CSS, HTML, JS, and PHP
- **Mobile App Dev (entry-level)**: Dart, Flutter.
- **Methodology**: Agile, Scrum, Spring.
- **Database**: AWS, Firebase.
- **API**: Firebase API, Stripe Payment API.
- **Networking**: LAN, OpenWRT