

# Binh Nguyen Long Nguyen

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## EDUCATION

### University of Houston

B.S. Computer Science - GPA: 3.20  
Honors: Dean's List 2019 - 2022

Houston, TX

Aug 2019 - Dec 2023

**Relevant Coursework:** Data Structures & Algorithms, Algorithms & Complexity, Database Management, Ubiquitous Computing, Software Design, Fundamentals of Software Engineering, Operating Systems, Automata & Computability

## EXPERIENCE

### Systems Engineer, Lockheed Martin Aeronautics

Jan 2024 - Present

- Collaborate dynamically with cross-functional teams to integrate and test new software and hardware upgrades upon release for the F-35 jet.
- Proactively identify and resolve early-stage issues in software deliveries to ensure optimal performance.
- Pivotal member of the Integrated Product Team, contributing to the maintenance of the Hardware Software Compatibility Memos.
- Demonstrate prowess in technical and analytical problem-solving to deliver innovative solutions.

## SKILLS

**Advanced:** C++, Python, JavaScript, CSS

**Intermediate:** Swift, SQL, NoSQL, HTML

**Beginner:** C#, Git, Linux

**Frameworks/Libraries:** Node JS, React, Express JS, Bootstrap, Extended JS

## PROJECTS

### iOS Weather App (Introduction to Ubiquitous Computing, Fall 2023)

- Developed an iOS weather application for real-time weather updates tailored to the user's current location, enhancing weather-related information accessibility.
- Implemented data retrieval via the Open Weather API, enabling dynamic displaying of up-to-the-minute weather reports.
- Enhanced user interaction by enabling location selection and seven-day forecast viewing for comprehensive weather readings.
- Used Swift (SwiftUI), and OpenWeather API.

### React Personal Portfolio Website (Personal Project, Summer 2023 - Present)

- Developed and designed a modern personal portfolio website to showcase skills and projects.
- Optimized the website for cross-device compatibility to enhance user experience.
- Integrated Email JS to allow users to directly connect with the creator by sending messages through the website.
- Deployed the responsive and user-friendly website on GitHub to ensure global accessibility.
- Used JavaScript, React, Node JS, CSS, Email JS, and Git.

### Fuel Ordering Website (Software Design, Spring 2023)

- Developed and deployed a full-stack application for an efficient fuel ordering experience.
- Implemented MongoDB for secure and organized data storage.
- Conducted regular statistical unit tests to improve decision making.
- Monitored team progress to maintain high-quality standards throughout the software development lifecycle.
- Used JavaScript, Extended JavaScript, Node JS, CSS, NoSQL, MongoDB, and Git.

### 2-D Combat Simulation Game (Introduction to Game Art & Animation, Spring 2023)

- Designed and developed visually appealing scenery and characters to create a simulation of a combat game.
- Successfully integrated movement scripts for a more fluid player interaction and character navigation.
- Used C#, Unity, and Clip Studio Paint.