HUAN MAI

San Diego, CA • huan.mai08@gmail.com • (619) 335-5633
https://huanlm.github.io/portfolio

TECHNICAL SKILLS

- **Language:** Java**,** JavaScript**,** Python, C/C++, C#
- **Technology**: React**,** Angular**,** NodeJS**,** Express**,** ASP.NET, HTML, CSS, Git**,** MongoDB, Microservice API, SQL, MongoDB, Firebase, Docker, AWS, Java Spring Boot

EXPERIENCE

Junior Software Engineer   San Diego, CA
Labcorp   Aug. 2020 - Current
- **Develop software** for clinical trials using SnapClinical infrastructure
- Maintain SnapClinical's **frontend** and **backend** using **Angular** | **JavaScript** | **Java Spring** | **MySQL**
- Maintain and debug mobile applications using **Java** and **Swift**
- Design custom reusable **Groovy scripts** that meet project specifications

EDUCATION

University of California San Diego (UCSD)   La Jolla, CA
Bachelor of Science in Mathematics (Applied) | Minor in Computer Science   Sep 2016 – Jun 2020
- **GPA:** 3.22 / 4.00
- **Related Courses**: Software Engineering, Design and Analysis of Algorithms, Advance Data Structures, Theory of Computability, Data Structures and Object-Oriented Design, Object Oriented Programming,…

PROJECTS AND CERTIFICATES

Full Stack Hotels Reservation Clone *MongoDB | Express | React | Node*
- A Full Stack application inspired by Hotels.com and Booking.com. This project's goal is to apply the skills I learnt from FreeCodeCamp.
- Back-end API is implemented using MVC model with full CRUD operation allowing admin and user to access and modify hotels' data

FreeCodeCamp FrontEnd and BackEnd Certificates/Projects
- Extensive course teaching highly desired skills in full stack web development with technologies like React, Bootstrap, MongoDB, Node and Microservice API.
- Projects: Timestamp Microservice, URL Shortener Microservice, Exercise Tracker API, File Metadata Microservice, Quote Machine, Markdown Previewer, Drum Machine, JS Calculator, 25 + 5 Clock.

Full Stack ASAP (Auto Schedule Assist Program) *Python | JavaScript | HTML | MySQL*
- A 10-member team made program that helps students find different combinations of schedule based on the chosen classes. The program uses a mix of greedy and brute force algorithms to find the most optimized schedule based on GPA, Professor Ratings, Break gaps and Required courses; implemented using MVC model
- Oversaw all documents: User Cases, User Story, Database Schema, Test Cases, Story Acceptance Tests…
- Acted as a Quality Assurance Lead and a backend team member

Monster Hunter - Java coded game using basic principles of OOP like inheritance, polymorphism, and abstraction.