Huan Mai

San Diego, CA • huan.mai08@gmail.com • (619) 335-5633

Portfolio • LinkedIn

TECHNICAL SKILLS

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

EXPERIENCE

Junior Software Engineer   San Diego, CA
Labcorp Drug Development   Aug. 2020 - Current

- **Develop applications** for clinical trials using SnapClinical infrastructure
- Create standard libraries and main applications to improve efficiency for future projects
- Quick turnaround on feature enhancement requests from client
- Maintain software **frontend** and **backend** using Angular | JavaScript | Spring Boot | MySQL

EDUCATION

University of California San Diego (UCSD)   La Jolla, CA
B.S. *in Applied Mathematics |* ***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

Personal Portfolio *React | Sass*

- Frontend portfolio project created using responsive design to scale appropriately on multiple platforms.

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 completed: 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 efficiently 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.

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