Jenny Duong
Houston, TX | (832) 561-7371 | duongj4910@uhcl.edu | GitHub

SKILLS & ABILITIES
Languages: C#, SQL, Java, CSS, HTML5, JavaScript (ES6), R Programming
Frameworks/Libraries: .NET, RStudio, REST APIs
Applications: Git, PowerPoint, VSCode
Methodologies: Agile, Scrum

PROJECTS
Project Directory Site | *C# – ASP.NET – AJAX – Chart.Js*   **December 2023**
- Engineered a dynamic data analytics dashboard optimizing data retrieval speed through tailored AJAX calls
- Leveraged user data to produce unique reports using Chart.js, enabling comprehensive tracking of project metrics. These reports were instrumental in identifying trends and optimizing team performance

Hotel Booking Site | *C# – Entity Framework (EF) Core – ASP.NET – OpenAPI*   **June 2023**
- Created a hotel booking platform that enables users to make bookings, incorporating authentication and authorization mechanisms within APIs
- Applied repository pattern to connect APIs with database using Entity Framework
- Employed dependency injection to enhance the modularity and flexibility of .NET APIs

My Health Assessment | *C# – Windows Form*   **February 2023**
- Developed a dynamic program in C# that generates health risk predictions based on user-provided data sets
- Enabled users to select from multiple health risk predictions and upload their own data sets
- Improved the program's efficiency and maintainability by incorporating functional programming principles and overseeing software testing

EXPERIENCE
Back-end Java Intern
Revature Pre-Employment Program, Remote   **July 2023 – September 2023**
- Proficient in configuring REST API endpoints with Javalin
- Skilled in composing service layer logic and implementing input validation for unit tests using Test Driven Development
- Experienced in writing JDBC-based database communication layers, demonstrated through ten evaluations; adept at leveraging Java APIs to solve diverse challenges and problems

Front-end Web Developer Intern   **June 2022 – August 2022**
EWebDevs, Houston, Texas
- Designed coded, tested, and documented new features that improved application performance by 15% utilizing tools such as HTML, CSS, and JavaScript
- Addressed items from the backlog/bug board by implementing solutions using JavaScript, HTML, and CSS to resolve identified issues
- Collaborated with UX team to implement component updates and site enhancements

EDUCATION
Master of Science, Software Engineering   **Expected May 2024**
University of Houston Clear – Lake; Houston, TX   **Cumulative and term GPA 4.0**
Relevant Coursework:
Software Engineering I, Software Engineering II, Configuration Management, Software Lifecycle, Agile Software Development, Research Topics for Communications with Engineers

Bachelor of Business Administration, Management and Information Systems   **May 2022**
C. T. Bauer College of Business, University of Houston; Houston, TX   **GPA: 3.5**
Relevant Coursework:
Introduction to Cluster Computing, Open-Source Programming for Big Data Analytics, Information Systems Development Tools, Transaction Processing Systems, System Analysis Design