CLINTON NGUYEN

+1 (817) 881-3675 | clinton3122003@gmail.com | Fort Worth, TX, USA | linkedin.com/in/clinton-nguyen/ | www.clintonnguyen.dev/

EDUCATION

University of North Texas **August 2022 - May 2026**
Bachelor's, Computer Science *GPA: 4*

- Relevant Coursework: Data Structures and Algorithms, Fundamentals of Database Systems, Fundamentals of Systems Programming, Intro to Operating Systems, Computer Networks, Algorithms, Internet Programming, Software Engineering, Secure E-Commerce

PROFESSIONAL EXPERIENCE

Edikt Studios **Fort Worth, TX, USA**
Game Developer *January 2022 - May 2022*

- Collaborated on a 6-month long project developing VR Unity game Elementals
- Presented and explained the systems I developed during project milestones
- Utilized C# and Unity for game development
- Worked in an Agile (Scrum) environment, utilizing project management systems
- Utilized Git for version control and collaborative development.

PROJECTS & OUTSIDE EXPERIENCE

MonsterMatcher
HACKUNT24

- Built a full-stack dating application using the MERN (MongoDB, Express.js, React, Node.js) stack
- Implemented JWT-based authentication system for secure user sessions and profile management
- Developed responsive UI components using React
- Created RESTful API endpoints for profile management, matchmaking logic, and user interactions
- *Link to project*

noteTaker
HackUTA24

- Led and coordinated team efforts in developing a full-stack note-taking application using the MERN (MongoDB, Express.js, React, Node.js) stack
- Created RESTful API endpoints for CRUD operations on notes, including features like adding, editing, deleting, and searching notes
- Designed a responsive and intuitive user interface using React and Tailwind CSS
- Employed Postman to test and validate API endpoints, ensuring robust functionality and reliable data flow
- *Link to project*

Student Management System

- Implementing a student management system using Linked List and Binary Search Tree
- Features include adding, deleting, searching for students by ID or name, and updating student records
- Inserted 100,00 fake student records using faker libraries
- *Link to project*

SimCity

- Simulates a city that goes through and generates workers, pollution, and other city elements.
- Utilizes vectors, classes, and traversal algorithms.
- Implemented user input for simulation configuration and region layout from CSV files.
- Demonstrated regular GitLab commits with meaningful messages.
- Incorporated decision-making rules for cell growth prioritization
- *Link to project*

SKILLS

Programming Languages: JavaScript, Python, C/C++, C#, Java
Web Development: HTML/CSS, React.js, Express.js, Next.js, Node.js, Postman, MongoDB
Version Control & Development Practices: Agile, Git