KIET DINH

SOFTWARE DEVELOPER

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Experience

Teaching Assistant - ***The University of Houston***, Houston, TX   2020 - 2021
- Explain and demonstrate data science and data structure concepts to over 300 students in Python and C++.
- Create class materials including assignments, homework, and shell scripts for grading.
- Host Kaggle competitions for students to improve their hands-on experience.

Web Developer - ***Nan Properties***, Houston, TX   2019 - 2020
- Designed and programmed 15 major pages and improved the traffic by 10%.
- Tracked defects and reported weekly performance to the server side.
- Conducted interviews to new candidates.

Skills

C#, JavaScript, Python, C++, ASP.NET Core, Express JS, React JS, Node, Bootstrap, HTML, CSS, PostgreSQL, NoSQL.
Others: Git, Linux, Photoshop & XD, Jupyter Notebook.

Projects

Message Web Application - ***Side Project*** - ASP.NET, Angular, PostgreSQL   2020 - 2021
- Attempted to formulate a 3-tier web application myself. Integrated functions using Entity Framework and SignalR.
- Conceptualized and implemented multi-layer abstraction to enhance the security.

OG Web Application - ***Company-Sponsored Project*** - React, Express JS, SingleStore   2020
- Contributed in a Scrum 6-member team. Created a mobile-friendly application that solved internal transmission issues for the company.
- Developed dynamic procedures, API routes, and unit tests.

Medical Clinic - ***Senior Project*** - Vue, Express, MySQL   2020
- Worked in a Scrum 5-member team. Developed an appointment-booking system for the clinic based on the client's requirements.
- Designed dashboard, API routes, calculated revenue statistics, and generated reports.

Java Code Editor - ***Group Project*** - Java Swing   2019
- Managed a 5-member team. Developed a code editor on Windows using Swing library
- Built-in compiler, class loader, and syntax checker.

Education

Bachelor of Science in Computer Science - ***The University of Houston***   2018 - 2021
- Capstone: Software Engineering | Minor: Mathematics and Data Science | GPA: 3.9.

Awards

- Undergraduate Excellence Award 2020 - Top 3 undergraduates in the Computer Science Department.
- Phi Kappa Phi 2020 - Top 10% GPA in the Computer Science Department.
- Exemplary Service 2019 - Nan Properties.