Minh Duong

College Student, Computer Science

Motivated Computer Science student with a strong foundation in software development and engineering methods. Experienced in team development, agile methods, and use of tools such as IDEs, version control, and test harnesses. Seeking to apply technical skills and commitment to teamwork in a challenging software engineering role.

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EDUCATION

Bachelor of Science, Computer Science
University of California - San Diego

09/2022 - Present   *San Diego, CA*

EXPERIENCE

CSE 101 - Design and Analysis of Algorithms
UC San Diego

03/2023 - 06/2023   *San Diego, CA*

Achievements/Tasks

- Studied efficient algorithms with emphasis on nonnumerical algorithms such as sorting, searching, pattern matching, and graph and network algorithms.
- Learned about measuring complexity of algorithms, time and storage, NP-complete problems, and dynamic programming.

CSE 100 - Advanced Data Structures
UC San Diego

03/2023 - 06/2023   *San Diego, CA*

Achievements/Tasks

- Completed projects on Huffman Coding and Graphs using C++ and STL.
- Gained experience in high-performance data structures and supporting algorithms, memory management, pointers, and recursion.

CSE 110 - Software Engineering
UC San Diego

03/2023 - 03/2023   *San Diego*

Achievements/Tasks

- Introduced software development and engineering methods, including specification, design, implementation, testing, and process.
- Emphasized on team development, agile methods, and use of tools such as IDEs, version control, and test harnesses.
- Gained hands-on experience in web designing, using Git and GitHub, and applying project management methodologies.
- Worked as a backend developer in a team project to build a fortune teller app using HTML, CSS, and JavaScript. The app, which includes 4 mini apps, forecasts the user's future based on their selection.

TECHNICAL SKILLS

Java   Python   C++   HTML   CSS   JavaScript   Git   GitHub

SOFT SKILLS

Time Management   Teamwork   Hard-working   Fast learner

PROJECTS

MapMyFuture (04/2023 - 06/2023)

- Worked as a back-end developer in a team of 10 to build a fortune teller app using HTML, CSS, and JavaScript. The app, which includes 4 mini apps, forecasts the user's future based on their selection.
- Leveraged Agile Development methodologies to efficiently manage project workflows, ensuring timely progression and robust tracking of project milestones.
- Tools used: VS Code, GitHub Desktop.
- Achievements: Secured 1st place out of 30 groups.

LANGUAGES

Vietnamese
Native or Bilingual Proficiency

English
Full Professional Proficiency

INTERESTS

Photography   Hiking   Sports   Travel   Learning languages