

MEI LIN DONG

Greensboro, NC 27401 | 336-514-2633 | mdong.liz@gmail.com

SUMMARY

Seeking to apply proficient programming abilities in software design, development, and implementation. Possessing strong written and verbal communication skills suited for working in a team as well as versatility for working independently. Motivated to create innovative applications adhering to programming standards and business requirements. Experienced in Agile methodology and MVVM design patterns.

EDUCATION

Bachelor of Science, Computer Science May 2019
University of North Carolina at Greensboro – Greensboro, NC

- **Related course work:** Concepts of Programming Languages, Advanced Data Structures, Software Engineering, Principles of Database Systems, Principles of Computer Networks

TECHNICAL SKILLS

- **Languages:** C#, Java, SQL, XAML, XML, HTML
- **Tools and Technologies:** .NET, WPF, Wireshark, MySQL, Visual Studio 2019, NUnit, NetBeans, Git, GitHub, Mercurial, SourceTree, Oracle VM, AWS, Jira, Bitbucket, Confluence
- **Operating Systems:** Windows 7/XP/10, Linux (Ubuntu)

EXPERIENCE

Software Development Intern Aug 2019 – Nov 2019
Altair Engineering – Greensboro, NC

- Delivered various data formatting features utilizing C#.NET technologies in full-stack development to be distributed in a distinguished data preparation software used by over 14,000 customers worldwide.
- Engaged with a team of established developers in peer-based code reviews adapting programming practices and functional design guidelines used to develop efficient code.
- Created and implemented various unit tests to analyze extensive use cases in order to optimize application stability and user-friendliness.

Robotics Coach Jan 2018 – March 2019
Greensboro Science Center

- Organized a technical curriculum focused on coding and engineering that inspired students aged 6-13 to pursue education in the STEM fields.
- Lead diverse groups of students to produce multiple projects demonstrating their teamwork and application of technical skills.

PROJECTS

Dungeon Positioning System

Jan 2019 –

Senior Capstone Project

May 2019

- Utilized Java technologies to develop an expansive tabletop roleplaying companion tool allowing the users to create randomly generated maps, manage their character sheets, and connect to other players.
- Facilitated database design and implementation using Java, MySQL, and AWS technologies.
- Coordinated with fellow team members to strategize design plans, solve complex problems, and produce an exceptional application.

To-Do List

Aug 2019

- Constructed an application allowing users to create, edit, and save multiple, comprehensive to-do lists.
- Cultivated a strong understanding of back-end and front-end development with C# in Visual Studio 2019.