



# Qiaofu Zhang

**B.S. in Applied Physics, University of Science and Technology of China (2010)**

**M.S. in Materials Science and Engineering (2012)**

**Ph.D. in Materials Science and Engineering (2017)**

**QuesTek Innovations LLC, Evanston, IL**

## **Describe your overall duties/responsibilities as a Senior Materials Design Engineer:**

My duties include developing computational models and software to predict materials microstructure, properties and performance. Additionally, I design and develop new materials to meet target properties/performance using computational. My role also includes leading and managing materials-related projects with government or commercial clients.

## **Explain the skills/abilities that are required for being successful in your role:**

Technical skills include materials knowledge and programming skills; Communication skills to present and explain work to clients/public; Team management and collaboration.

## **What advice would you give to students who are considering majoring in Materials Science and Engineering?**

Keep learning and exploring new technologies, new areas, and new materials. Programming is more and more important in industry, and it is a big plus as a basic skill.

