

# Miaoting Feng

Email: [sophiafeng2017@gmail.com](mailto:sophiafeng2017@gmail.com)

Tel: (425)305-1368

Add: Redmond, WA, 98052

## Summary

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- Software engineer with three years of experience in the full software development lifecycle.
- Proficient troubleshooting skills – able to analyze code and engineer solutions.

## Work Experience

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### AVIC Beijing Aeronautical Manufacturing Technology Research Institute, China

#### Software Engineer

Apr 2014 – Apr 2017

#### Projects

##### 1. Computer-aided Process Planning(CAPP) System of Composites Digital Workshop

A CATIA extension developed by CAA framework and C++, tailored for composite material manufacturing. It converts design information of aircraft parts to the manufacture process steps and instructions.

Achievement Highlights:

- a) Prototyped new capabilities to confirm feasibility.
- b) Provided object-oriented software design, and implemented with experimentation and multiple iterations.
- c) Collaborated with teammates to integrate the system.

##### 2. Additive Manufacturing Data Management System

It takes 3D model as input, and automatically generates the machine code for manufacturing, developed by C++ and OpenGL.

Achievement Highlights:

- a) Implemented 3D models display and operation features.

### NetEase Youdao, China

#### Product Operations Intern

Apr 2012 – Apr 2013

#### Responsibility

- Analyzed and classified products attributes for developers to build products database.
- Optimize the configuration of parser system by review all the websites.
- Check the product monitoring system daily and handle unusual alarms.

## Skills and Tools

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C++, CAA (Proficient)      C#, HTML(Prior Experience)

## Education

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2007 – 2011	Sun Yat-sen University, China	Software engineering Bachelor
2011 – 2014	Beihang University, China	Software engineering Master