**赵思然**

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**教育背景**

**东北大学**   **2018.09 - 2021.07**

机械工程 硕士 | GPA :3.2 沈阳

**沈阳理工大学**  **2014.09 - 2018.07**

机械设计制造及其自动化 本科 沈阳

**学校经历:**

* **党员工作委员会学习部部长** **2019 -至今**
* **学生成长发展指导员**  **2019 - 2020**
* **班级团支书** **2014 - 2018**
* **总结：**负责组织策划学生活动、管理学生；锻炼了良好的沟通能力和团队合作能力；学生工作让我充满自信和上进心。

**科研经历：**

* **大连INNA轴承厂 2020.1 -至今**

根据产品参数及经验公式计算电主轴工作时的散热量，用AnsysWorkbench仿真计算主轴工作时的发热情况，通过热分析与优化模型的建立设计合理的引流管结构。

* **沈阳机床厂 2018.10 - 2019.06**

对目前最先进的I5T3数控机床用锤击法测试机床特征，与Ansys静动态分析实验仿真结果对比，并用Ansys与Isight对关键零件进行结构及尺寸优化。实现机床的轻量化设计，提高了机床的可靠性。

最终质量减轻了7.46%、最大变形量减少了11.77%、固有频率提升31.78%。

* **总结：**对自己的工作质量有很高的要求；具有自我学习能力的分析和解决问题的能力，可以应对新的任务；有跨学科的解决能力。

**获奖荣誉**

* **2019 - 2020** 一等奖学金、辽宁省研究生数学建模大赛三等奖
* **2018 - 2019** 二等奖学金、东北大学工程制图比赛三等奖
* **2017 - 2018** 三好学生
* **2016 - 2017** 优秀学生干部
* **2015 - 2016** 辽宁省机械设计大赛优秀奖、优秀团干部
* **2014 - 2015** 获得CAD证书、优秀团员

**个人技能**

* **工程软件：**仿真软件：Ansys Workbench、Matlab、Isight、

绘图软件：CAD、ProE、UG、Solidworks

* **IT能力**：MS Office、SQL、Python 、C
* **英语能力：**四级427

**赵思然 Zhao Siran**

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**EDUCATION:**

**Northeast University** *Sep 2018 – Jul 2021*

Master of Mechanical engineering | GPA :3.2 *shenyang*

**Shenyang University of Science and Technology**  *Sep 2014 – Jul 2018*

Bachelor of Mechanical design and manufacturing and automation  *shenyang*

**SCHOOL EXPERIENCE:**

* **Director of the learning department of the party committee**  *2019 – now*
* **Student Development Instructor** *2019 – 2020*
* **Class Party Secretary** *2014 – 2018*
* **Summary:** Responsible for organizing and planning student activities and managing students; Well organized with good communication skills and teamplayer ability;Highly motivated and self-confident.

**RESEARCH EXPERIENCE：**

* **INNA China** *Jan 2020 – now*

Through the establishment of thermal analysis and optimization model, a reasonable drainage tube structure is designed.

* **Shenyang Machine Tool Plant** *Oct**2018 – Jun 2019*

Reduce the weight and improve the reliability of the machine design.

The mass is reduced by 7.46%, the maximum deformation is reduced by 11.77%, and the natural frequency is increased by 31.78%.

* **Summary:** High demands on own quality of work; Analyzing and problem solving skills with self-learning ability for new tasks; Interdisciplinary solving skills.

**AWARDS/HONORS:**

* **2019 - 2020:** First-class scholarship、

Third-class prize in Liaoning Post-Graduate Mathematical Contest in Modeling

* **2018 - 2019:** Second-class scholarship、

Third-class award of Northeastern University engineering drawing competition

* **2017 - 2018:** Merit student
* **2016 - 2017:** Excellent Student Cadre
* **2015 - 2016:** Excellence Award of Liaoning Mechanical Design Contest、Outstanding League cadres
* **2014 - 2015:** CAD Engineer Certification、Excellent League Member

**SKILLS:**

* **Engineering Softwares:** Simulation software: Ansys、Matlab、Isight、

Drawing software: CAD、ProE、UG、Solidworks

* **IT Skills:** MS Office、SQL、Python 、C
* **English:** CET-427