

Joseph H. Nguyen

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PROFESSIONAL EXPERIENCE

Engineering USA (Formerly Design Automation Associates)

September 2020 – Current

Software Programmer

- Effectively automating operations to improve user productivity within Siemens NX software
- Developed routing features for non-circular stock within Siemens PLM software
- Precise quality assurance testing using proprietary Siemens software
- Efficiently designing and engineering draft sheets of CAD files to meet client specifications
- Appropriately parsing data from .ATK file involving the deformation within the casting process

University of Rhode Island, Kingston, RI

January 2020 – May 2020

Computer Science Department Teaching Assistant

- Developed thorough lesson plans and attended all classes and faculty meetings
- Taught lesson materials to students individually or in a small group setting
- Oversaw students during non-classroom times including in-between classes and TA hours
- Recommended solutions to professors regarding academic issues that students faced

EDUCATION

The University of Rhode Island; Kingston, RI

May 2020

B.A: Computer Science

GPA: 3.10/4.00

SKILLS

- **Program Languages:** Adept: Java, C, C++, Python 3.7 Proficient: C#, JavaScript, MySQL
- **Computer Skills:** Proficient: NX, NXOpen, Solidworks, MasterCam, Microsoft Office, Windows 10, MacOS, Linux
- **Languages:** Fluent: English & Vietnamese; Proficient: Japanese; Basic: French

Relevant Coursework

Programming in Data Science CSC310

Spring 2020

- Designed DataFrame using Pandas
- Understand the basics of:
 - Machine Learning (Symbolic and Sub-Symbolic learners)
 - Deep Learning (Deep Neural Networks)
- Developed a MySQL Database using the PyMySQL package