Joseph H. Nguyen

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PROFESSIONAL EXPERIENCE

Engineering USA   September 2020 – Current
Software Engineer
- Developed technical packages for routing features allowing users to design non-circular models in Siemens NX.2206 and previous versions (NX1987 - NX2206)
- Effectively automate CAD/Modeling operations to improve user productivity and speed by 15% within Siemens NX
- Designed and improved Siemens Teamcenter application that allows engineers to upload, save, and download CAD models using C++ and PostgreSQL
- Precise quality assurance testing (Unit testing, Regression testing, and etc)

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.S: Computer Science   GPA: 3.10/4.00

SKILLS

- **Proficent with:** C, C++ 14, C#, JavaScript, MySQL, Git
  - **Backend:** Node.js, Java
  - **Frontend:** CSS, React, Bootstrap
- **Explored:** Swift, JavaFX, Ruby, PHP
- **Languages**: Fluent: English & Vietnamese; Proficient: Japanese; Basic: French

Volunteer Work

CS4RI/Rhode Island Department of Education   Fall 2020 – Current
Mentor
- Establishes explicit goals and objectives for the technical project with the mentee
- Clarify and demonstrate technical syntax for new and upcoming programmers