

Vincent GRIFFITH

CONTACT INFORMATION

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WORK EXPERIENCE

JUL 2017
CURRENT

Shift Lead at No Bonz About it

- Automated sending personalized emails to customers
- Built close, professional relationships with customers
- Improved customer connections through social media, phone, and email
- Reduced conflicts and improved performance in supervised employees

SEP 2013
MAY 2017

Senior Reactor Operator at Reed Research Reactor

- Senior staff member on call during operations and maintenance
- Gave personalized tours to technical and non-technical audiences
- Mentored three trainees through their training and licensing exams
- Led nuclear fuel movements and inspections
- Planned and supervised emergency drills
- Wrote and delivered training lectures on reactor and radiation detector physics
- Developed and taught a new training lab on activation of aluminum flux foils
- Reduced errors in meter inventory by writing a program to compile an inventory from a folder of calibration forms

JUN 2016
AUG 2016

Nuclear Power Systems Intern at NASA Glenn Research Center

- Wrote a multiobjective optimization program using MATLAB and Sage
- Discovered a modified Stirling cycle modeled to produce 50% additional power without loss of efficiency
- Processed and visualized large data sets in Excel
- Discovered and corrected computational errors in published research
- Participated in thermal testing of a reactor model

EDUCATION

SEP 2013
MAY 2017

Bachelor of Arts in PHYSICS, **Reed College**, Portland, OR

Thesis: *Computational Modeling of Stirling Engines*

Relevant Coursework: *Fundamentals of CS I and II, Algorithms and Data Structures, Computational Methods for Physics, Linear Algebra*

LICENSES AND CERTIFICATIONS

JAN 2017

Radiation Safety Officer CERTIFIED BY **Reed Research Reactor**

JAN 2017

Radioactive Materials Shipping CERTIFIED BY **Reed Research Reactor**

JUL 2015

Senior Reactor Operator License ISSUED BY **US NRC**

JAN 2015

Wilderness First Responder and CPR CERTIFIED BY **Wilderness Medicine Institute**