

CAIUS THORN

Research Software Developer

✉ c.thorn@email.com

📞 (123) 456-7890

📍 Wexford, PA

🌐 [LinkedIn](#)

WORK EXPERIENCE

Research Software Developer

OpenArc, LLC.

📅 2021 - current

📍 Wexford, PA

- Managed the integration of Git workflows among four developers, reducing code conflicts by 36%
- Organized complex research findings into 264 pages of documentation using Sphinx
- Built a data pipeline with PostgreSQL, **processing 2.3M entries per day** for integration with machine learning
- Systematized experiment, tracking processes by leveraging TensorFlow's logging capabilities

Software Developer

Graphite GTC

📅 2018 - 2021

📍 Bryn Mawr, PA

- Designed test cases with pytest, reducing critical software bugs by 38% in the first three months
- Upgraded dashboard visualization capabilities with Matplotlib, **boosting upsell revenue by \$22K**
- Leveled up documentation workflows with LaTeX, producing presentations for eight annual review sessions
- Developed HTML and PDF documentation with Sphinx, trimming support queries by 22%

Data Entry Specialist

Oracle

📅 2015 - 2018

📍 Pittsburgh, PA

- **Processed 1.3 million entries** with Python automation scripts, saving 118 hours per month
- Analyzed high volumes of transaction data with NumPy
- Utilized pytest to automate 16 tests for data entry scripts
- Leveraged PyCharm's Git integration to track and manage updates across 32 shared data files per week

EDUCATION

Bachelor of Science

Software Engineering

Carnegie Mellon University

📅 2011 - 2015

📍 Pittsburgh, PA

SKILLS

- Git
- LaTeX
- PyCharm
- NumPy
- TensorFlow
- Python
- Matplotlib
- PostgreSQL
- Sphinx
- pytest