

Jacob Stringer

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EDUCATION

Bachelor of Arts, Theatre
Computer Science Minor

Allegheny College, Meadville, PA
Expected Graduation May 2021

Related Coursework: Computational Expression, Data Abstraction, Discrete Structures,
Software Engineering, Software Innovation, Programming Languages

SKILLS

- *Computer Languages:* Python, Java, C#
 - *Other Programming Tools:* GitHub, Git, Pytest, Atom, Visual Studio
 - *Computer Programs:* Filemaker Pro, G-Suite, Unity, Microsoft Word/Excel
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EMPLOYMENT HISTORY

Phoenix NMR, Loveland CO

2017 -- Present

Production

- o Learned how to hand solder computer boards and wires for Phoenix NMR
- o Learned how to hand solder complex multi-pin connectors.
- o Learned how to do small component rework on computer boards and wires
- o Built Circuit Boards needed to run Phoenix NMR probes/speed controllers
- o Built wire bundles used in the production of NMR Speed Controllers
- o Produced NMR instruments crucial to the deployment of Solid State NMR Probes
- o Maintained and built Phoenix NMR Speed Controllers from base parts ~2 weeks per Controller
- o Learned to assemble small mechanical components using a press

Research

- o Organized and headed a research project for creating a list of items needed by the company to start producing training videos
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Volunteer/Club Work

Student Experimental Theatre (SET)

Allegheny College, Meadville, PA

2019 -- Present

Accounting

- o Devised budget for SET for the 2020-2021 year
- o Created & Programmed Excel Spreadsheets for SET to track budget spending

United States Institute for Theatre Technology (USITT)

Allegheny College, Meadville, PA

2020 -- Present

Accounting

- o Devised budget for USITT for the 2020-2021 year
 - o Created & Programmed Excel Spreadsheets for USITT to track budget spending
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Extras

Cogitate (Developer)

- Python program built to retrieve and analyze GitHub statistics of group/company repositories
- https://github.com/GatorCogitate/cogitate_tool