

Nicholas Meisburger

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Education

Rice University, Houston, TX
Bachelor of Science in Computer Science
Bachelor of Arts in Mathematics

GPA: 4.00

May 2022

May 2022

Relevant Coursework

Computational Thinking | Multivariable Calculus | Algorithmic Thinking | Statistics for Data Science |
Fundamentals of Computer Engineering

Skills

Computer Skills: Python, Java, C/C++, JavaScript, HTML/CSS, React.js, Latex

Projects

Rice Datathon 2019 | Project: Stock Analysis with Neural Networks January 2019
→ Designed and implemented back propagation neural network, receiving *Best Underclassmen Project*
→ Applied deep learning algorithm to real world stock data to create model used to generate predictions for future trends and stock changes

Experience

Project Coordinator Intern

June 2018 - August 2018

Day CPM, Portland OR

- Created live-updating project dashboards to streamline communication and increase accessibility and accuracy of project information, saving an estimated 5-10% of time for project managers
- Analyzed and overhauled project budgets to ensure correctness and clarity
- Developed and administered organizational systems, such as document repositories and file systems, to improve efficiency

Independent Research Project

July 2017 - August 2017

Multidisciplinary Healthcare Clinic, Portland OR

- Collected and organized data for 4 years of patient records and insurance payments to reveal trends
- Analyzed trends to indicate how to optimize profitability for clinic

Activities/Honors

Rice Datathon Chair/Head Organizer

Spring 2019 - Present

- In charge of planning and organizing the annual Rice Data Science competition

McMurtry College Website Committee Head

Spring 2019 - Present

- Head of developing and maintaining the website for McMurtry Residential College
- Designed and coded and entirely new website for the college that improved UI/UX elements and optimized the performance of the mobile version

Hack Rice 9 Planning Committee Head

Winter 2019 - Present

- Creating, administering, and organizing website for event
- Managing publicity and logistical elements

Remix CS Curriculum Planning Committee

Winter 2019 - Present

- Planned and prepared curriculum and exercises as part of an organization to teach and mentor high school students in Computer Science

Remix CS Teaching Committee

Winter 2019 - Present

- Volunteered as a tutor to travel to Houston area high schools and provide instruction in Computer Science

Rice University Computer Science Club

September 2018 - Present