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## Education

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<b>Austin, TX</b>	<b>University of Texas at Austin</b>	<b>May 2024</b>
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- Bachelor of Science in Computer Science, GPA: 4.0
- Certificate in Applied Statistical Modeling
- Relevant Coursework: Operating Systems, Computer Architecture, Data Structures, Discrete Mathematics, Matrices, Statistics and Probability, Multivariable Calculus, Research Initiative, Competitive Programming

## Employment

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<b>Software Engineer, Intern</b>	<b>Rice University - AEOP</b>	<b>June 2022 – August 2022</b>
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- Develop Python scripts that implement machine learning models to identify various attributes of nanoparticles such as shape, size, and material composition
- Skills used: Python and MatLab

<b>Software Engineer, Intern</b>	<b>Upstream - Pioneers</b>	<b>January 2022 – May 2022</b>
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- Build client-side UI and refine functionality for mobile app that manages and translates information visually and audibly to languages of smaller countries
- Skills used: Flutter/Dart and Java

<b>Researcher</b>	<b>University of Texas at Austin</b>	<b>January 2022 – December 2022</b>
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- Implement Python scripts with machine learning models to classify astronomical objects such as galaxy type identification and cluster organization
- Skills used: Python

## Technical Experience

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- **Stock Predictor** - Implemented Python script that uses machine learning and a LSTM model to predict the closing stock price of a company based on the closing stock price of the previous 60 days
  - **Personal Website** - Designed a multipage website utilizing HTML, CSS, and JavaScript to highlight and centralize personal information including a self-introduction and contact information
  - **Minesweeper/Connect4** - Engineered Minesweeper and Connect 4 using Java to create a implementation where programmers can add house rules and personal features

## Community Involvement

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<b>UT Programming Contests</b>	<b>August 2021 – Present</b>
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- Utilize algorithms and creative approaches in Python/Java to solve a variety of problems in competitions

<b>Texas Guadalupe Research</b>	<b>August 2021 – December 2021</b>
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- Research a multitude of topics surrounding the development of a hyperloop as a method of transportation

<b>Epic Ministries - Outreach Lead</b>	<b>January 2022 – May 2022</b>
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- Provide others the opportunity to learn about our Lord and Savior, Jesus Christ

## Honors and Awards

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Valedictorian at Memorial High School | Eagle Scout | Phi Beta Kappa Scholarship Recipient | Toby Finnett Scholarship Recipient | Academic All-State Track Elite Team | UT Austin Honors Recipient

## Languages and Technologies

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- Technical Languages: Python; C++; Java; SQL; Flutter/Dart; HTML/CSS
  - Technologies: Visual Studio; MySQL Server; Eclipse; XCode; Sublime
  - Other Languages: Native in English, Conversational in Chinese, Advanced in Spanish