

# Warren Wiser

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🌐 wswiser101



## Education

### University of Texas at Austin

*B.S. Mathematics, Elements of Computing Certificate*

**Austin, TX**

*Expected May 2021*

### Austin Community College

*A.S. Mathematics*

**Austin, TX**

*Spring 2018 – Summer 2019*

## Experience

### Vocational.....

#### Pacific Northwest National Lab

*Web Development Intern*

**Richland, WA**

*Summer 2020*

Continued development of a react app for sensor data visualization.

Detailed achievements:

- Generated validation messages for file input;
- Implemented playback simulation capability:
  - Improved upon my mentor's initial creation of this feature, including documentation and code organization;
  - Gained experience with react;
  - Introduced to CSS;
- Began learning the deploy process of web development; gained experience with git;
- UI/UX design opportunities.

#### The University of Texas at Austin Nuclear Engineering Teaching Lab

*Undergraduate Research Assistant*

**Austin, TX**

*July 2018 – present*

Software Lead for a team building autonomous, outdoor air samplers

Self-taught JavaScript, HTML, and Python for development of website for charting real-time pressure sensor data

### Miscellaneous.....

#### Home Depot

*Cashier*

**Austin, TX**

*Oct 2017 – June 2018*

#### Starbucks

*Barista*

**Austin, TX**

*Nov 2017 – Jan 2018*

## Relevant Coursework

### Completed.....

- Intro to Programming - Python
- Intro to Programming - Java

## In Progress.....

- Elements of Software Design - Python
- Elements of Graphics and Visualization

## Relevant Software

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**React:** Intermediate

**Python:** Intermediate

**HTML:** Basic

**CSS:** Basic

**JavaScript:** Intermediate

**Java:** Intermediate

**Git:** Basic

## Skills

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- Web App Deployment
- Technical Problem Solving
- OOP
- Blueprint.JS
- Taking Initiative
- Chart.JS

## Presentations

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- W. Wiser, P. Davis, R. Morales Rosado, J. Haack. **React Data Visualization Website**. *Presented by myself at SULI virtual research symposium, July 2020*
- W. Wiser, K. Shah, R. Wiser, D. Haas, M. Byers, B. Barth, M. Cantrell, J. Jennings. **Sampler Development and Deployment at Site 300**. *Presented by myself at PNNL Flash Talks, August 2019*
- K. Shah, R. Wiser, D. Haas, M. Byers, M. Cantrell, W. Wiser, B. Barth, J. Jennings. **Design and Testing of the Wireless Independent Noble Gas Sampler**. *Presented by K. Shah at the Conference for Undergraduate Women in Physics, January 2019*

## Technical Reports & Essays

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- W. Wiser, P. Davis, R. Morales Rosado, J. Haack. **React Data Visualization Website**. *Submitted to the US DOE*
- K. Shah, W. Wiser, B. Barth, M. Byers, D. Haas. **UT Samplers at Site 300**. *Submitted to Pacific Northwest National Laboratory*

## Hobbies

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**Baking:** Preferably my mother's recipes :)

**Music:** Both listening to and making

**Outdoors:** Hiking, camping, road trips