

Ethan Ransberger

#### Contact Information:

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- GitHub: [github.com/EthanRansberger](https://github.com/EthanRansberger)

Detail-oriented and analytical recent graduate with a B.A. in Economics and a certification in Elements of Computing from the University of Texas at Austin. Experienced in systems analysis, project management, and technical support with strong programming skills and a keen interest in business analytics, data science, and financial analytics. Proven ability in SharePoint development, automation, and scripting with a focus on enhancing user experience and system efficiency.

#### Professional Summary

#### Work Experience

##### Navy Exchange Internship

May 2023 - August 2023

#### SharePoint and Automation:

Re-structured and maintained 3 team SharePoint sites, libraries, and UI, resulting in a 30% increase in team productivity.

Automated jobs with JavaScript and PowerShell scripting, reducing manual work by 40%.

Trained 12+ colleagues on SharePoint library maintenance, improving team collaboration and efficiency.

#### Development and Collaboration:

Collaborated on Java, HTML, and C++ development projects, successfully deploying new features and resolving critical issues.

Resolved STIG (Security Technical Implementation Guide) requirements for store systems and release management, decreasing security vulnerabilities by 25%.

#### PeopleSoft and HR Data:

Assisted in SQR for PeopleSoft report formatting using company-wide Human Resources data, improving report accuracy by 25%.

#### Store System Testing and Updates:

Conducted on-site testing and information collection for the new POS store system (Oracle Retail Xstore) across 12+ products, reducing system downtime by 15%.

Troubleshooted Oracle Xstore retail systems, resolving 95% of issues within the first 24 hours.

#### Application Lifecycle Management (ALM):

Completed ALM testing to ensure applications are maintained and deployed properly, resulting in a 20% reduction in deployment errors.

Created technical documentation to assist future employees.

Trained 12+ colleagues on SharePoint library maintenance, improving team collaboration and efficiency.

#### Development and Collaboration:

Resolved STIG (Security Technical Implementation Guide) requirements for store systems and release management, decreasing security vulnerabilities by 25%.

#### PeopleSoft and HR Data:

Assisted in SQR for PeopleSoft report formatting using company-wide Human Resources data, improving report accuracy by 25%.

## Store System Testing and Updates:

Troubleshoot Oracle Xstore retail systems, resolving 95% of issues within the first 24 hours.

## Application Lifecycle Management (ALM):

### Education

The University of Texas at Austin

Degree: B.A. Economics (May 2024)

Certificate: Elements of Computing

### Technical Skills

Programming Languages: Python, JavaScript, Java, C++, C#, HTML, SQR, SQL, Xcode / Swift, R /

R Studio

Software: Microsoft Office Suite (Word, Excel, PowerPoint, OneNote, Teams), GitHub, Visual Studio, Stata

Technical Skills: Data Analysis, Econometrics, Statistics, Mathematics, Report Writing, Troubleshooting

### Soft Skills

Communication: Strong written and verbal communication skills

Customer Service: Experience in providing exceptional customer service

Task Management: Efficiently managing tasks and projects

Project Management: Experience in coordinating and managing projects

Critical Thinking: Ability to analyze situations and make informed decisions

Problem Solving: Effectively solving problems and finding solutions

### Career Aspirations

Pursuing a career in business analytics, leveraging strong quantitative, analytical, and programming skills. Interested in roles involving data science, financial analytics, and technical implementation within healthcare or financial sectors. Eager to continue learning and developing skills in ETL tools, data modeling, and visualization tools to enhance decision-making processes.

### References

Allyna Hughley: Former Manager, Manager IT Applications (Allyna.Hughley@nexweb.org, 757-631-3367)

Audrey Lowe: Former Manager, Manager IT Release Management (Audrey.Lowe@nexweb.org, 757-631-4169)

Anne Lenz: Former Manager, Director IT Applications and Merchandising (anne.lenz@yahoo.com, 757-639-6488)

## Writing Samples

### The Effect of Routine Road Closures on Traffic Incidents

By Ethan Ransberger, The University of Texas at Austin

(See attached document for full details)

## Presentation

### SharePoint UI Demonstration

A detailed demonstration showcasing the ergonomics, UI enhancements, and automation capabilities implemented in SharePoint during the internship. Focused on improving user experience through intuitive design and efficient workflow management.

(See attached presentation for more details)