

Andrew Buirge

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WORK EXPERIENCE

Cigna

Bloomington, MN

Data Scientist – GI&O Enterprise Operations Command Center: Data Science Practice

July 2023 – Present

- Performed statistical analyses & correlation studies using R to identify predictive metrics in application data.
- Using statistical research results, developed InfluxQL Grafana dashboards viewed by Incident Management teams to visualize outages in application data prior to incident reporting.
- Collaborated with senior leadership to visualize ServiceNow Managed Incident data in Grafana using SQL.
 - Offered actionable insight into internal teams & external vendors performance in resolving incidents.
- Constructed Apache Airflow DAGs to automate InfluxDB ETL pipelines using Python.

Cigna

Bloomington, MN

Software Engineer – Office of Intelligent Automation: Robotics & AI/ML Tools

July 2022 – July 2023

- Developed end to end Blue Prism automations of Government Grievance Intakes on MHK.
 - Estimated yearly benefit of \$2.34m processing a daily volume of 700 cases.

Egan Company

Champlin, MN

Programming Intern

September 2021 – June 2022

- Constructed Covid-19 vaccination & test results dashboards to manage data of 1000+ employees.
 - Integrated with Tableau Server using API calls, Google Apps Script & Google Data Studio.
- Developed quality control process to track the progress of 1000+ units for \$5m+ jobs.
 - Created method to generate QR codes for each unit that navigates to a simple web site.
 - Dynamically return the correct form for the step that the unit is at in the quality control process.
 - HTML, CSS, Google Apps Script, Forms & Sheets.
- Modified employee performance management portal to drive internal business group collaboration.
 - C#, JavaScript & SQL.

Securian Financial

St. Paul, MN

Engineering Analyst Intern

June 2021 – August 2021

- Completed feature requests on the Web Content Management team.
 - Java, JavaScript, HTML, CSS & Adobe Experience Manager.
- Developed Swagger (OpenAPI) API documentation of 6 APIs for internal consumption.

Egan Company

Brooklyn Park, MN

Systems Support Analyst Intern

June 2018 – May 2021

- Helpdesk intern in a Virtualized Environment using VMware.
- Over 900 tickets closed in two summers on the helpdesk.

LEADERSHIP EXPERIENCE

Cigna Technology Development Program (TECDP)

Bloomington, MN

Program Associate

July 2022 – Present

- Co-lead for Confluence Analytics Project, Proofing Team Member, MN Mentor Program Site Coordinator.

EDUCATION

University of Saint Thomas

St. Paul, MN

B.S in Computer Science, Minors in Data Analytics & Applied Statistics

2018 – 2022

- Cum Laude (GPA: 3.52/4.00).

SKILLS & INTERESTS

Skills: Python, SQL, Grafana, Java, C#, JavaScript, R, JMP, Orange, Minitab, C, HTML, CSS, YAML, Node.js, Swagger (OpenAPI), Adobe Experience Manager, Postman, RESTful APIs, Google Data Studio, VMware.

Interests: Data Science, Machine Learning, RPA, Artificial Intelligence & Renewable Energy.