

# Andrew Buirge

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## WORK EXPERIENCE

### Cigna Group

**Bloomington, MN**

*Cloud Engineering Lead Analyst – DA&E ILM: Data Retention Development*

*July 2024 – Present*

- Health Check Initiative: Validation of JSON configuration files, On-Prem API access & Database access.
  - Health Check Lambda ensures accuracy of Data Retention artifacts prior to database processing.
  - Python, Java, Terraform, AWS Lambda.

### Cigna Group

**Bloomington, MN**

*Data Science Lead Analyst – GI&O EOCC: Data Science Practice*

*July 2023 – July 2024*

- Performed statistical analyses & correlation studies using R to identify predictive metrics in application data.
- Using statistical research results, developed 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 incident resolution.
- Constructed Apache Airflow DAGs to automate InfluxDB ETL pipelines using Python.

### Cigna Group

**Bloomington, MN**

*Intelligent Automation Senior Analyst – OIA: Robotics & AI/ML Tools*

*July 2022 – July 2023*

- Developed end to end Blue Prism automations of Government Grievance Intakes on the MHK application.
  - 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 reporting data of 1000+ employees.
  - Integrated with Tableau Server using API calls, Google Apps Script & Data Studio.
- Developed quality control process to track the progress of 1000+ units for \$5m+ jobs.
  - Generate QR codes that navigate to a simple web site and dynamically return the related QA form.
  - 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.
- Developed Swagger (OpenAPI) API documentation of 6 APIs for internal consumption.

## LEADERSHIP EXPERIENCE

### Cigna Technology Development Program (TECDP)

**Bloomington, MN**

*Program Associate*

*July 2022 – Present*

- Confluence Analytics Project, MN Mentor Program Coordinator, Round 1 Interviewer & Round 2 Case Study.

## EDUCATION

### University of Saint Thomas

**St. Paul, MN**

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

*2018 – 2022*

- Awarded Cum Laude Honors (GPA: 3.52/4.00).

## SKILLS & INTERESTS

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

**Interests:** Cloud Engineering, Data Science & Renewable Energy.