**Eli Salamie**

[esalamie@seas.upenn.edu](mailto:esalamie@seas.upenn.edu) | +1 317-650-5371 | linkedin.com/in/salamieeli | [github.com/eli64s](https://github.com/eli64s)

**EDUCATION**

**Philadelphia, PA University of Pennsylvania****2020 – 2022**

* Master of Computer and Information Technology

**West Lafayette, IN Purdue University****2013 – 2017**

* Bachelor of Science in Industrial Engineering, GPA: 3.55

**EMPLOYMENT**

**Business Analyst – Robotic Process Automation General Motors****May 2020 – Current**

* Lead the implementation of automation technology to automate repetitive digital tasks performed by global business departments
* Develop and deploy production software bots to promote citizen development and scale enterprise-wide automation initiatives
* Work alongside developers to define technical requirements, perform user acceptance testing, and release code to production
* Collaborate with subject-matter experts to identify automation opportunities and collect business requirements for solutions
* Leverage Agile methodologies to deliver business objectives in sprints and guide organizational change

**Senior Analyst – Revenue Strategy United Airlines****Jan 2020 – Apr 2020**

* Implemented automated Python email scripts to provide booking updates for C-level executives during COVID-19, delivered bidaily
* Designed a Python tool for email and web data extraction to build database tables of historical events that interrupted air travel

**Analyst – Revenue Strategy United Airlines****Jan 2019 – Dec 2019**

* Developed an ETL process using Python and SQL to automate over 50 data tasks, saving 4.5 hours per day with data preparation
* Reduced daily report generation and distribution time by 77% to ensure stakeholders receive key reports before operational hours
* Created executive reports focused on revenue and industry trends, leveraged by leaders to assess pricing and inventory strategies
* Built a dashboard for the product launch of United Polaris and Premium Plus, tracking market performance and upsell revenue

**Associate Analyst – Revenue Management United Airlines****Jan 2018 – Dec 2018**

* Managed pricing and seat inventory strategies for a portfolio of markets that exceeded $1 billion in annual revenue for 2018
* Conducted market research and discovered a 30,000-person event in Houston, prompting 60% price increases for over 225 flights
* Partook in A/B experiments that aimed to understand how varying pricing algorithms influence the demand of passenger bookings
* Created a Python GUI with interactive flight booking data and visualizations to supplement market management for analysts

**TECHNICAL PROJECTS**

--

* **Yelp Data Pipeline.** Extracted fitness center information from Yelp’s Fusion API through Python, parsing JSON to create a cleaned dataset stored in a MySQL database table on Amazon Web Services. *Utilized: Python, MySQL, Amazon Web Services*
* **PDF Text Search and Replace.** Built a tool in Python that searches for specific text values in a PDF document, deleting the text and setting a new value in the position.
* **Battleship**. Built a simplified version of the game Battleship adhering to object-oriented design. *Utilized: Java, Git, Unit Test*

**LANGUAGES AND TECHNOLOGIES**

* Python, Java, SQL, HTML, CSS, Excel, PowerPoint, Robotic Process Automation

**ADDITIONAL EXPERIENCE**

**Chicago Python User Group** **2019 – 2020**

* A coding special interest group that hosts monthly meetups with tech industry speakers and collaborative project events

**Institute of Industrial and Systems Engineers 2015 – 2017**

* Presented professional seminars to undergraduates and prospective high school students about Industrial Engineering at Purdue

**Purdue Grand Prix Racing Team 2014 – 2017**

* Placed 1st in the 2017 Purdue Grand Prix as the team director, and 1st in the 2014 Purdue Electric vs. Gas Vehicle race as the driver