

# Haining Yuan

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## Skills

- Automation UiPath (RPA developer Foundation)
- GIS, Python, R, Stata, SQL, MATLAB
- Google, Microsoft Suite
- Ellucian Scribe, Ellucian Colleague ERP, Ellucian Banner

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## Experience

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### University of San Francisco of SOM/Research Assistant-Analytics

Sep 2023 - May 2024, San Francisco

- Collecting data from greenhouse gas detection, clean and summary
- Conducting economics machine learning model to analyze
- Independent research how greenhouse gas will affect homeless issues

### University of San Francisco of ITS / Lead Student App Specialist

March 2023 - May 2024, San Francisco

- Troubleshooting and maintaining a Degree Work ticket from the Registration office using Scribe on Ellucian.
- Understanding client support through educational technology for higher academic institutions.
- Assisting the USFCA registration office to make essential academia changes for the students as they requested.
- Involved Ellucian with the Student App team of USFCA regular weekly meetings.
- Running automation test for gift and donation funding .

### Huatai Securities Co., Ltd./ IBD Finance Intern

September 2021 -Dec 2021, Shanghai China

- participated in company JONO Recycling Technology Co., Ltd., China to launch IPO.
- This company had come up with some environmental engineering innovations and wished to file an Initial Public Offerings with Shanghai Stock Exchange. I was tasked with organizing various confidential financial and employee reports which would help the company launch its IPO successfully.

## University of San Francisco / Peer Mentor

Aug 2020 - Dec 2020, San Francisco

- Assisting international students with familiar campus resources and events from the Culture Center and International Student Association.
- Supporting professors who teach USF 101 class and communicate with fellow students.

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## Education

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### University of San Francisco/ BS in Economics

Aug 2019 - Dec 2021, San Francisco

### University of San Francisco/MSc in Applied Economics

Aug 2022 - May 2024, San Francisco

### Howard University/PhD in Economics

Aug 2024 - Dec 2029, Washington DC

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## Research Project

- **The Potential Impact of Health Campaigns on Maternal Mortality Rates Among Women of Color: The Case of Hear Her:**

Delves into the crucial topic of maternal health, specifically how the CDC-sponsored Hear Her Campaign can improve pregnancy-related health outcomes and potentially reduce maternal mortality rates among women of color.

- **Predictive Analytics : Water quality monitoring & prediction in Flint**

The goal of this project is to develop and test a Linear regression, Random Forest, Ridge model to predict the future water quality of a given monitoring data set in City Flint. The data is typically divided into a training set and a test set. For this project, Python libraries such as Pandas, NumPy, Searborn, Sklearn were used to analyze the data, build and train the forecasting model.

- **R Project : Which type of cancer Is Likely To occur Benign or Malignant**

The main purpose of this project is to explore why benign tumors are not not cancerous but grow slowly and spread less quickly to patients and if they can be cancerous and non cancerous depending on the situation.