William Steimel

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EDUCATION

Sophia University   **Tokyo, Japan**

Master of Science in Green Science and Engineering   September 2017 - Present
- Research Area: Machine Learning
- Joint Diploma in Sustainability Studies: United Nations University
- Monbukagakusho Scholarship (MEXT Scholarship) Recipient

Masters Thesis: A Time Independent Gradient Boosting Machine for Rent Prediction in Tokyo 23
Special Wards with Geospatial and Environmental Features

Felician University   **Lodi, NJ**

Bachelor of Science in Business Administration   September 2010 - May 2015
- Minor: Global Peace and Justice Studies
- Summa Cum Laude

Kansai Gaidai University   **Osaka, Japan**

Asian Studies Program   September 2012 - June 2013

WORK EXPERIENCE

Lombard Inc. (CodExa)   **Tokyo, Japan**
Machine Learning Intern   **Feb 2018 – Present**
- Co-authored article published in Nikkei Software on the basics of Machine Learning (Nov 2018)
- Analyzed data from internal affiliate marketing application to get insight into partner behavior

ADP   **Roseland, NJ**
IT Service Manager   **May 2017 – September 2017**
- Analyzed budgets totaling millions of dollars for technical projects to ensure proper allocation of resources
- Maintained documentation, reports, and KPI scorecards vital to the Change Management process
- Managed weekly Change Management process improvement meetings in collaboration with CAB
- Identified applications impacted by EU GDPR/BCR Statutory Requirements and associated PII data

I&O Analyst   **June 2015 – May 2017**
- Responsible for implementing reporting automation and statistical analysis to facilitate process optimization, capacity/demand forecasting, service level management, and audit compliance
- Created and presented executive dashboards and scorecards to show the trends in data using R/Excel
- Used SQL Server/R programming skills to create automated data cleaning/extraction scripts
- Created interactive Tableau Dashboards revealing insight into ADP's Operational performance
- Organized and developed technical process documents and evidence for ISO 9000 and 20000 Audits
- Developed business cases through available data to justify key projects to upper management
- Supported consultants as process analyst for successful migration to risk based change process

Intern (IT Service Mgmt/Project Mgmt)   **February 2015 – May 2015**
- Supported service management team in documentation management via MS Sharepoint/Jive/Jira
- Monitored monthly request, incident, problem, and change metrics against targets
- Created interactive training on Change Management Process through LMS Software for 1500 users

Felician University Global Academic Initiatives   **Lodi, NJ**
NGO Representative to the United Nations DPI   **January 2015 – June 2015**
- Participated at weekly briefings organized by UN DPI on topics related to social justice and diplomacy

Felician University   **Lodi, NJ**
Research Assistant   **July 2013 – May 2015**
- Coordinated with staff members to manage primary reporting activities associated with student feedback

Systems Assistant   **June 2011 – August 2012**
- Developed statistical reports for campus wide departments through SQL Server and Crystal Reports

LEADERSHIP

"Policy Imperatives for Women's Health Research and Development" Spring 2015
- Delivered speech at the inaugural "World Women's Health and Development Forum" at the UN
- Researched world labor force participation rates and proposed youth vision to reducing gender inequality

SKILLS
- Tools: Tableau, Git, GIS, Visio, SAP Business Objects, Advanced Excel (Pivot Table/Vlookup)
- Programming Languages: Python (pandas, NumPy, Matplotlib, Seaborn, scikit-learn), R, SQL
- Machine Learning: Regression, Random Forests, Neural Networks, Clustering, Gradient Boosting

CERTIFICATIONS
- ITIL v3-Foundations, Understanding BS ISO/IEC 20000-1:2011, JLPT N2