Owen Jahne
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EDUCATION

The Catholic University of America, Washington, D.C. **Graduated May 2022**
Bachelor of Science in Computer Science; Mathematics Minor
- CUA Men's Club Rugby Captain, Equipment Manager, and EC Member
- E-Sports Captain

RELEVANT EXPERIENCE

Dun & Bradstreet Arlington, VA

Business Analyst **June 2022 – October 2023**

- Supported the Small Business Administration contract by conducting credit risk analyses, analytical consulting efforts, and reporting deliverables.
- Assisted the analytical lead in mitigating emerging risks in the SBA 7(a) and 504 Loan Portfolios to deliver valuable insights to the SBA and the lenders.
- Completed ad hoc requests using a variety of programming languages including Python, SAS, and SQL.
- Created solutions to increase efficiency and meet urgent deadlines in an agile environment.
- Practiced diligence in analyzing data as SBA raw data files contain inconsistencies.

COCC Southington, CT

E-Forms Intern **June 2021 – June 2022**

- Managed client documents by editing, converting, removing, and adding forms within their core banking database (Insight).
- Utilized Jira to track tasks through intensive quality assurance processes.
- Became proficient in Adobe Acrobat, and PL/SQL.

MAJOR PROJECTS

Dun & Bradstreet: Hurricane Ian Analysis (2022 - 2023)

Researched the nine counties that were classified under 'major disaster' following Hurricane Ian in late September of 2022. Helped identify businesses in need of loan relief and loan deferrals while also predicting future loan needs. This was done by filtering by the nine major counties affected in Florida; pulling all existing loan data; analyzing business payment patterns; and calculating risk/predictive scores. This project helped guide the SBA to grant over $530 million in disaster loans, aiding 5,832 businesses.

The Catholic University: Masked Facial Recognition (2021 - 2022)

Created a facial recognition system to properly identify an individual wearing a facemask. The facial detection model utilized the CV2 library in OpenCV. This provided tools for image processing, scanning images within a database, and looking for objects that matched the 'face' classification. The recognition model utilized k-nearest neighbors machine learning algorithm to compare the detected faces to a dataset of persons to be identified.

TECHNICAL EXPERTISE & SKILLS

Experience With

Communication with various stakeholders, documentation, hardware and software troubleshooting, project management, machine learning, probability, statistics, time management

Technical Experience

Adobe Acrobat, Canva, CSS, C\ C++, HTML, Insight, Java, Google Analytics, Google Workspace Apps, Jira, Microsoft Office, Python, R, SharePoint, SQL, Tableau, Databricks