**Arion Askins**

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**EDUCATION**

**University of Maryland, College Park** | *College Park, MD Expected May 2021*

**Bachelor of Science**in Information Science

**Minor** in Human Development & Quantitative Methodology

**Cumulative GPA:** 3.56/4.0; **Major GPA**: 3.73/4.0

**Relevant Coursework:** Data Science Techniques & Manipulation; Decision Making; User-Centered Design

**RELATED PROJECTS**

**Prince George’s County Budget Analyzer Web App** *Oct 2020 - Dec 2020*

* Co-developed a full stack responsive web application compatible with multiple platforms to allow PG County residents in accessing 335 records of local government fiscal data
* Served as group project manager in developing a project plan and delegating tasks and goals
* Designed front-end application interface using HTML, Bulma, and CanvasJS libraries
* Assembled back-end server infrastructure utilizing Heroku, Express, Node.js, and HTTP/API requests

**United States Happiness Index Analysis** *Sept 2020 - Dec 2020*

* Cleaned and organized around 1,200 entries of extracted open source utilizing Microsoft Excel
* Utilized analytical models for processing of target features such as Life Expectancy and GDP per Capita
* Formulated a data-driven story with statistical visualizations highlighting relevant data findings in Tableau software

**Canine Heart Disease Decision Analysis** *March 2020 - May 2020*

* Collaborated in a team of 5 colleagues in analyzing US Department of Health reported dog health data
* Utilized Excel Spreadsheet in cleaning and organizing over 500 entries of raw unstructured data
* Implemented a Decision Tree Analysis model using engineered data to develop 2 recommendations and solutions to promote optimal dog heart health
* Devised a decision strategy for dog owners suffering with Dilated Cardiomyopathy

**WORK EXPERIENCE**

**Project RISE Research Institute | *Research Intern*** – College Park, MD *July 2020 - Present*

* Co-developed an IRB-approved application and approved research grant
* Screened 213 peer reviewed research articles and followed a methodology study procedure in conducting a meta-analysis on resulting 38 scholarly research studies based on relevant key search query operators
* Authored a pending-published systematic review on technological integration within traditional classrooms

**LEADERSHIP EXPERIENCE**

**Phi Sigma Pi, National Honor Fraternity | *Scholarship Tripod Chair*** – College Park, MD *Sept 2019 - Present*

* Served as a brother of 35 members within the Alpha Beta chapter
* Planned and coordinated several scholarship events and improved alumni communications
* Increased scholarship event attendance in 25% of members from the previous year and co-developed pandemic planning strategy

**iSchool, University of Maryland | *Undergraduate Teaching Assistant* –** College Park, MD  *Aug 2019 - Dec 2019*

* Collaborated among instructional team in improving instruction delivery
* Facilitated 60 second-year students learning python and SQL with course-relevant inquiries
* Led and co-instructed study sessions and provided exam preparation for students

**SKILLS & INTERESTS**

**Programming Skills:** Python, JavaScript, HTML, SQL, React, Node.js, Pandas, numPy, BeautifulSoup

**Platforms:** Microsoft Excel, Github, Tableau, Visual Studio Code, Linux CLI, Adobe Creative Cloud

**Personal Interests:** Data Analysis, UI/UX Research, Collaborative Programming, Problem-solving