Megan Nissel

github.com/megannissel   **megannissel.com**

Experience

The Data Incubator   **Washington, DC**

The Data Incubator provides B2B and B2C data science training and recruiting solutions. Acquired by Pragmatic Institute in 2019.

Software Developer   **February 2018 - Present**

- Experience with: Python, Flask, Docker, Jenkins CI, Google Application Engine, SQL, Git, Linux
- Sole developer responsible for maintenance of TDI Fellowship website (backend and frontend of Python app built on GAE) and NDB database, including: application and admissions process; registration process; student-facing resources; admin-facing dashboards; task automation; API integrations
- Managed migration from Python 2.7 to Python 3.9 of TDI's Fellowship backend, requiring a complete overhaul of the development and testing infrastructure, and careful planning of deployment to ensure a seamless transition for users
- Manage Jenkins continuous integration pipelines for 9 production repos to ensure consistent testing and build stability
- Responsible for implementing all major substance and process changes to the Fellowship application as TDI increased its program offerings, enabling the company to grow from one single program to four concurrent programs
- Built and maintain a MySQL database to aggregate admissions and enrollment statistics, as well as a suite of Jupyter Notebooks that VPs can quickly and easily utilize to view and compare admissions numbers across Fellowship cohorts

Director of Operations   **June 2017 - September 2018**

- HTML/CSS/JavaScript page updates for various operational tasks; Python for automation
- Led year-long process for receiving approval to operate from California's Bureau for Private Postsecondary Education, from start to finish, including: writing and compiling 400+ pages of application materials; overseeing revisions; and designing and developing tools for automating compliance based on extensive policy knowledge
- Took on complex development projects while managing all company operations; learned through self teaching, online bootcamps, and colleagues
- Managed accounts receivable and payable for $5M company (acquired in 2019)

Operations Manager   **November 2015 - June 2017**

Operations Associate   **May 2015 - November 2015**

Education

American University, Washington, DC   **May 2015**

Bachelor of Arts, Anthropology

Bachelor of Arts, International Studies

    Graduated summa cum laude; Phi Beta Kappa