Damien Snyder

Email damisnyder@gmail.com
Website www.damiensnyder.com
GitHub damiensnyder

Experience

MAQ Software
Software data operations engineer (May 2023 – present)
- Delivered hundreds of interactive data visualizations to thousands of users
- Created data processing pipelines using PySpark, SQL, Azure, and Microsoft Fabric
- Connected with stakeholders daily and led 8 developers across 2 different teams
- Owned a project that earned the stakeholders an internal award upon completion
- Earned the DP-600 Microsoft Fabric certification

Spadafy
Software engineering intern (Summer 2021)
- Developed an admin dashboard with Django to visualize tickets in a helpdesk app
- Developed more admin tools for the same app using Django and React.JS

John Snow Labs
Machine learning intern (Summer 2020)
- Created demo apps for Spark NLP and Spark OCR models using Colab and Streamlit
- Wrote technical documentation for official Spark NLP models

Mathnasium
Math tutor (Spring 2017, Summer 2019)
- Tutored children of all ages and skill levels in math, managing several at a time
- Devised multiple approaches to help students struggling to learn concepts

Tupl
Machine learning intern (Summer 2017)
- Developed a Python tool to measure accuracy of predictions from an AI model

Education

University of Washington (September 2019–December 2022)
- Earned a B.S. in Computer Science (data science track)
- Graduated with a 3.79 GPA

Mercer Island High School (Class of 2019)
- Graduated with a 3.93 GPA
- Earned the National Merit Scholarship

Skills

Data science: Python, numpy, PyTorch, pandas, R, ggplot, MATLAB, d3.js, data cleaning
Web: HTML/CSS, jQuery, Node.JS, ReactJS, Svelte, ExpressJS, TypeScript, PHP, SQL
Other technology: Java, Git, algorithms, documentation, testing, Excel, LaTeX
Statistics: Regression, hypothesis testing, random forest, Bayesian inference
Other mathematics: Multvariable calculus, linear algebra, combinatorics, set theory
Creative: Audio and video production, public speaking, public and technical writing