

DANIELLE DAMON
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daniardalan.github.io

EDUCATION

The University of Chicago, Chicago, IL
MS in Computer Science, expected June 2021

The University of Chicago, Chicago, IL
B.A. in Biology, September 2016 – June 2020
Dean's List 2016 – 2018. Swift Scholar 2016 – 2020.
GPA: 3.72

COURSEWORK

Computer Science with Applications I-II, Biological Data Analysis, Quantitative Modeling, Calculus III, Physics I-III

PROJECTS

Course Search Tool

- Created a course search engine in Python by scraping the course catalog and returning suggestions based on user input utilizing HTML, SQL, and the Django web framework

EXPERIENCE

Lucy Labs CryptoFinance, New York, NY
Software Engineering Intern, April 2020 – Present

- Built a system to perform database updates and produce corresponding daily reports
- Automated generation of client statements and monthly reports on strategy performance using SQL and the ReportLab PDF Library in Python
- Restructured data acquisition from cryptocurrency exchanges utilizing websockets

University of Chicago- Biology Department, Chicago, IL
Ecology and Evolution Fellow, June 2019 – March 2020

- Designed and implemented experiments to investigate butterfly electroreception
- Analyzed data using R and MATLAB

University of Bristol- Biology Department, Bristol, UK
Research Assistant, Oct 2018 – June 2019

- Designed and conducted experiments to determine electric charge of bees after interaction with various materials within larger investigation into insect electroreception

SKILLS

Computer: Python, R, Git, SQL, HTML, Microsoft Word, PowerPoint, Excel

Lab Skills: Micropipette use, electrophoresis, titration, PCR, CRISPR, microscopy, dissection

Soft Skills: Communication, teamwork, adaptability, problem solving

ACTIVITIES

Outdoor Adventure Club/ UROCK Climbing Club,
Event Coordinator & Social Media Manager, Jan 2017 – Jun 2020

Sports Finance Committee,
Committee Member, Sep 2019 – June 2020