

DANIELLE DAMON
ddamon@uchicago.edu | 775-686-0554
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

Intro to Computer Systems, Advanced Programming in C, Computer Science with Applications I-II, Biological Data Analysis, Quantitative Modeling, Calculus III, Physics I-III

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