

CAMERON O'NEILL

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SKILLS

Programming Languages: Python, Pandas, Numpy, Matplotlib/Seaborn, R, SPSS, Stata, Java, Html/CSS
Data Modeling & ML: Bayesian Learning, Drift Diffusion Model, Relationship Learning Model

WORK EXPERIENCE

Computational Modeling Research Assistant | Belmont, MA **Summer 2020**
McLean Hospital

- Performed computational modeling on behavioral and fMRI datasets using Python and R. Received mentorship from Harvard Assistant Professor Dr. Daniel Dillon, and research fellow Dr. Andrea Cataldo in the Learning and Memory lab at McLean Hospital.
- Ran Bayesian models on thousands of patient profile data sets from partners' healthcare in python using Pandas, Matplotlib, Seaborn, NumPy, and SciPy.
- One of 100 students at Lafayette College to be awarded Research Scholarship for work at Mclean.

UCLA Health Research Assistant | Westwood, CA **Summer 2019**
Research Assistant

- Worked on a research team within UCLA's Grand Challenge Innovative Treatment Network effort to develop a cutting edge, tiered system of precision mental health treatment that adapts to patients' unique needs.
- Served as a volunteer on a Depression Symptom Response Project team [to help evaluate the effectiveness of an internet-based cognitive-behavioral therapy for depression and anxiety, and to understand how some people respond to treatment for depression while others do not]. Analyzed clinical data sets with R to inform team research efforts.

MassCreative | Boston, MA **Summer 2018**
Website Research and Development Intern

- Worked on website strategy and programming for an Arts Advocacy agency, collaborating directly with the company CEO for long term plans.
- Designed and coded a donation interface, which processed 100+ donations, for the website in Python, Html, CSS, and JavaScript.

Lafayette College Career Services | Easton, PA **Spring 2018 – Spring 2021**
Intern

- Manage website, post student internships, cold call companies to identify internship opportunities, organize career fairs and college forums.

Lafayette College Admissions Ambassador / Tour Guide **Fall 2017 – Spring 2021**
Intern

- Represent Lafayette College at admissions events and lead campus tours.

EDUCATION

Lafayette College | Easton, PA **Class of 2021**

- B.S Neuroscience major, Economics minor

UCD Michael Smurfit Business School | Blackrock, IE **Class of 2022**

- MSc Management Consultancy, GPA: 3.6

ACTIVITIES & LEADERSHIP

PWC Data Science Project Lead **Spring 2022 - Present**

- Elected by team members to oversee data analysis on PWC research team.

UCD Smurfit Class Ambassador **Fall 2021 – present**

- Selected by class to represent 70 person UCD Smurfit Masters in Management Consultancy, 1 of 3 elected.

UCD Smurfit Global Leadership Programme **Fall 2021 - present**

- Selected to serve in leadership development programme with students across disciplines at Smurfit.

Lafayette Neuroscience Club **Fall 2017 – Spring 2021**

- Treasurer: Manage club funds, organize events with department professors, and raise money for club.

PERSONAL

Proficient in Spanish. Dual citizen, United States and Ireland. Enjoy public speaking and gave a TedX talk on net neutrality. Love to hike/travel and took a NOLS mountaineering course in Alaska. Avid Premier League soccer fan.