

Nicholas A. Lusskin

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Education

Rutgers University Honors Program – New Brunswick, NJ

BSc in biotechnology with concentration in informatics and computer science

Sept. 2016
– May 2019

Experience

Summer Intern – Informatics and Information Systems

AstraZeneca

May 2018
– Aug.
2018

- Worked on a series of data-visualization dashboards saving the company a projected \$10,000 per year
- Created a proprietary system for modeling stability data for the Synagis biologic produced at our facility using Python and Sass programming languages
- Developed model using Bayesian statistics to answer questions on the quality of our products and its ability to last past the labeled expiration date.

Bioinformatics Research Assistant

The Yana Bromberg Lab – Rutgers University

Sept. 2017
– Present

- Building clustering algorithms and web tools to better analyze and understand metagenomes
- Using languages such as Python, R, Javascript, and PHP to design complex and efficient computational engines for gigabytes of data in highly scalable environments
- Building web applications to be used by scientists around the world

Startup Accelerator Director

Rutgers Entrepreneurial Society

Sept. 2017
– Present

- Designed and built the first startup accelerator at Rutgers for turning student's ideas into companies
- Successfully took 8 startups from idea to product and led them to raise over \$10,000 in follow-up funding
- Booked speakers such as Dev Ittycheria (CEO of MongoDB) and Jeff Cruttenden (Founder and CEO of Acorns) to speak exclusively to our startups and offer advice and their personal stories.

Office of Information Technology Consultant

Rutgers University

Sept. 2017
– Present

- Operate four computer labs with over 200 computers for thousands of students, professors, and staff
- Troubleshoot various technical issues for patron's personal devices

Investment Analyst

The Motley Fool

Aug. 2015
– Nov. 2016

- Wrote proprietary analysis on investing in technology stocks for The Motley Fool which were then syndicated with Yahoo! Finance.

Skills

Programming Languages: Java, Python, R, Go, JavaScript, SQL

Frameworks: ReactJS, React Native, Laravel

Speaking: Mandarin (casual)

Certifications

YCombinator Startup School – Selected as group program moderator

Nov. 2018

Data Science in Python – Coursera

Jan. 2017

Initiating and Planning Projects – Coursera

Nov. 2016

Budgeting and Scheduling Projects – Coursera

Sept. 2016

Activities

Rutgers Entrepreneurial Society – Executive Board Member & CTO

Oct. 2017 – Present

