

## EDUCATION

### Middlebury College

Bachelor of Arts Computer Science 2020

Relevant Courses: Mathematical Foundations of Computing , Computer Architecture, Calculus II, Linear Algebra, Multivariable Calculus, Theory of Computation (Fall 2017), Machine Learning (Fall 2017)

Cumulative GPA: 3.41/4.0

### City University of New York, Hunter College

Relevant Courses: Introduction to Computer Science, Software Design and Analysis II, Pre-Calculus, Calculus I

Cumulative GPA: 4.0/4.0

### Manhattan Hunter Science High School

Graduated with Honors -- June 2015

Weighted GPA: 98.71/100.00

## EMPLOYMENT

### Indigo Agriculture

Software Engineering Intern · Jul 2017 to Aug 2017

Developing , prototyping, and deploying a bioinformatics server that will accommodate genomic and proteomic analysis. Engineering solutions that will assist computational biologists on the Data Science team, including customized software on AWS ec2 instances.

### Squid Inc. (Fleek College Stories)

Growth Hacker/Software Engineering Intern · Sep 2015 to Dec 2015

Designed internal developer dashboards using HTML/CSS/JavaScript while maintaining scalable databases for user information and content on Parse using Python/ NodeJS.

### Weiang Qiu Evolutionary Bioinformatics Laboratory

Lab Intern/Assistant · Sep 2014 to Dec 2014

Assisted in genomic analysis of the Lyme disease pathogen using Perl. Used genomic data to reconstruct evolutionary pathways and prepared results for publication.

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

Proficient in: HTML, CSS, JavaScript, C++, C, Python

Comfortable With: Java, Ruby, NodeJS, React, Node.JS, Bash Scripting, Express

Exploring: D3js, MongoDB, Django

### OTHER SKILLS

Familiar with: Object Oriented Programming, Data Science,

Comfortable with: Git version control, Data Processing

Experienced with: Product Management, Growth Hacking, Bioinformatics, Systems

## PROJECTS

### Tutoring Forum

Jun 2017 to Current

A web app built with the MERN stack that allows students to quickly ask and answer questions regarding assignments and coursework; reduces redundancy in the types of questions that tutors and professors need to directly address.

### Increasing EXPEDIA's Bottom Line: Leveraging Packages to Increase Commission

Apr 2017 to Apr 2017

DataFest 2017 project that utilized the given Expedia dataset to run a quantitative analysis via Python (Pandas), and created visualizations via R (ggplot2).

### Text File Dictionary

Apr 2015 to May 2016

Built out a dictionary that takes in a text file, parses the file, and stores every word within a BST in lexicographic order. Expanded functionality to take in queries and print out the frequency of each word.

## ACTIVITIES

### Middle Endian Computer Science Club · President/Treasurer

Sep 2016 to Current

Developing a technologically inclusive culture as one of the biggest computer science clubs on campus.