

AUMIT LEON

STUDENT/SOFTWARE ENGINEER

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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

EMPLOYMENT

Indigo Agriculture, *Consulting Software Engineer*

Sep 2017 - Current

Working to enhance, maintain, and improve Indigo's bioinformatics server platform, while providing support for other Data Sciences projects at Indigo, including both R&D and commercial projects.

Indigo Agriculture, *Software Engineering Intern*

Jul 2017 - Aug 2017

Developed, prototyped, and deployed a bioinformatics server that will accommodate genomic and proteomic analysis. Engineering solutions that will bring web-based bioinformatics to non-technical scientists on Indigo's R&D team.

Squid Inc. (Fleek College Stories), *Growth Hacker/Software Engineering Intern*

Sep 2015 - Dec 2015

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

Weiang Qiu Evolutionary Bioinformatics Laboratory, *Lab Intern/Assistant*

Sep 2014 - 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.

PROJECTS

Tutoring Forum

Jun 2017 - 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 - 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 - 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.

TECHNICAL SKILLS

PROGRAMMING

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

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

Exploring: D3.js, Django, R, MySQL, PostgreSQL

Platforms: AWS, Linux/Unix systems

OTHER SKILLS

Familiar with: Object Oriented Programming, Data Science, Statistical/Machine Learning

Comfortable with: Git version control, Data Processing/Interpretation, Product Management

Experienced with: Growth Hacking, Bioinformatics, Systems, Open Source

ACTIVITIES

Middle Endian Computer Science Club, *President/Treasurer*

Sep 2016 - Current

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