

Aumit Leon

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EDUCATION

MIDDLEBURY COLLEGE

B.A COMPUTER SCIENCE
Magna cum laude, Feb 2020
Cumulative GPA: 3.67/4.0

COURSEWORK

UNDERGRADUATE

Mathematical Foundations of C.S
Data Structures
Computer Architecture
Theory of Computation
Machine Learning
Quantum Computing
Algorithms
Systems Programming
Data Science
Software Development

SKILLS

PROGRAMMING

Experienced:

C++ • Python • C • Matlab
JavaScript • \LaTeX • R • SQL • Bash

Proficient:

Java • Ruby • TypeScript

FRAMEWORKS/LIBRARIES:

Node.js • React.js • Express •
D3.js • Django • ggplot2 • NumPy •
Pandas • TensorFlow • Scikit-Learn •
PyTorch • Keras • Serverless

GENERAL TECHNOLOGIES:

HTML • CSS • Bootstrap •
Linux/UNIX • SQL • Git/Github • AWS
CircleCI • Snowflake • REST • GraphQL

OTHER INTERESTS/SKILLS:

Data Science • Statistical/Machine
Learning • Systems •
Open Source • CI/CD • Automation

CERTIFICATIONS

AWS

CERTIFIED SOLUTIONS ARCHITECT
ASSOCIATE

ISSUED: JULY, 2020

Earners of this certification have a
comprehensive understanding of AWS
services and technologies.

EXPERIENCE

INDIGO AGRICULTURE | SOFTWARE ENGINEER, PLATFORM

April 2020 - Present | Charlestown, MA

- Building platform microservices to support high throughput transactions through Indigo's Marketplace.
- Supporting the Marketplace post-transaction workflow through the development of integrated services, including features such as automated verification, settlement, and transport.
- Developing internal tooling to support various engineering pipelines, including CI/CD, observability, and centralized testing/deploy processes.

INDIGO AGRICULTURE | SOFTWARE ENGINEERING INTERN, RESEARCH

June 2019 - Aug 2019 | Charlestown, MA

- Built scalable, cloud native infrastructure around research tools to facilitate parallelized analysis.
- Developed pipelines for validating, storing, and ingesting R&D data into a scalable data warehouse.
- Deployed production ready software through microservices architectures and CI/CD workflows.

STAPLE HEALTH | SOFTWARE ENGINEER, CONSULTANT

Sept 2018 - April 2020 | Middlebury, VT

- Assisted in the design of an interactive machine learning platform used by Staple Health customers.
- Built, cleaned and maintained databases used as input to downstream predictive models.
- Designed Natural Language Processing models to predict medical non-adherence and various diagnoses.

INDIGO AGRICULTURE | SOFTWARE ENGINEERING INTERN, RESEARCH

June 2018 - Aug 2018 | Charlestown, MA

- Deployed R&D tools to production via a microservices architecture.
- Developed a high throughput infrastructure for internal Data Sciences tools that spin up compute resources on demand.
- Supported the development of modularized infrastructure across team projects.

MIDDLEBURY COLLEGE | COMPUTER SCIENCE TUTOR & GRADER

Feb 2018 - May 2018 | Middlebury, VT

- Worked to help students grasp Computer Architecture course concepts.
- Provided academic assistance to students working on Computer Architecture projects.
- Graded Computer Architecture assignments and providing feedback to both professors and students.

INDIGO AGRICULTURE | DATA SCIENCES INTERN

July 2017 - Dec 2017 | Charlestown, MA

- Developed solutions that made informatics analysis more efficient for non-technical scientists within Indigo's R&D department.
- Developed and deployed a bioinformatics server that accommodated genomic and proteomic analysis and the integration of in-house tools.