

# Brendon Lucas

Machine Learning,  
Data Science, Data  
Engineering

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## Skills

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## Experience

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### Brendon Lucas



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Python • R • Java • Scala • C • SQL • MATLAB • PowerShell • Bash • Batch • Windows  
Linux • macOS • Windows Server • MS SQL Server • PostgreSQL • SQLite • Tableau  
Machine Learning • Supervised Learning • Unsupervised Learning • Reinforcement  
Learning • Data Analysis • Data Visualization • Predictive Modeling • Big Data •  
Windows Task Scheduler • cron • Apache Airflow • Docker • Excel • VBA •  
Microsoft Office • Google Workspace • WinBUGS • OpenBUGS • Flask • HTML •  
CSS • JavaScript

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### Providence Public Schools | Data Specialist - Assessment

AUGUST 2020 - PRESENT, PROVIDENCE RI

Data Specialist within the office of Research, Planning and Accountability at Providence Public Schools. Primary responsibilities include building data pipelines and writing ETL scripts in Python and R; business automation with PowerShell; building and maintaining an ODS and a rudimentary data warehouse utilizing MS SQL Server 2012; setting up data feeds using FTPS and SFTP; occasional work in predictive modeling and data visualization; application maintenance and light application development; SQL development; emphasis on educational assessment data

### Georgia Institute of Technology | Graduate Teaching Assistant

JANUARY 2018 - MAY 2019, ATLANTA GA

Graduate teaching assistant for four semesters at The Georgia Institute of Technology providing instructional support for two different versions of CSE 6242: Data & Visual Analytics

### The Community College of Rhode Island | ACCESS Tutor

AUGUST 2017 - DECEMBER 2017, LINCOLN RI

Provided academic support to college students in mathematics and physics courses as part of the ACCESS program at CCRI

### Tutor Doctor of Rhode Island | In-home Tutor

AUGUST 2014 - AUGUST 2017, RI

Provided in-home academic support to students in grades 9-12 in mathematics and physics courses

### Rhode Island College | Peer Tutor

AUGUST 2010 - MAY 2014, PROVIDENCE RI

Provided academic support to undergraduate students in physics and philosophy courses

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## Education

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### Georgia Institute of Technology | M.S.

AUGUST 2017 - MAY 2020, ATLANTA GA

Master's of Science in Computer Science with a specialization in machine learning

### Rhode Island College | M.A.

AUGUST 2011 - JANUARY 2014, PROVIDENCE RI

Master's of Arts in Mathematics

### Rhode Island College | B.A.

AUGUST 2008 - MAY 2011, PROVIDENCE RI

Bachelor's of Arts. Majors in Philosophy and Mathematics, Physics minor

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## Awards

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### [MITx Philosophy Forum Award \(2019\)](#)

Thomas J. Howell Award (2011) for outstanding undergraduate scholarship in Philosophy