Andrew Sutherland Bradley

Data Scientist / Full-stack Web Developer   **Boston, Massachusetts**

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Software developer who is passionate about obtaining, managing, and gleaning insight from data. Proven problem solving abilities in both corporate and educational environments. Love taking complicated subjects and distilling them into simpler ideas for everyone to understand.

Data Skills: Python, Version Control (Git), Pandas, Scikit-Learn, NumPy, Matplotlib, Scala, AWS
Development Skills: JavaScript, HTML, CSS, PHP, MySQL, SQL

General Assembly: Data Science Immersive   06/17—12/17
   • Completed projects utilizing the entire data science workflow, including data acquisition, data cleaning, exploratory analysis, feature selection, modeling, and evaluation.
   • Building model to detect objects and their surrounding environment using satellite data, used for classifying whether an oceanic object is a ship or an iceberg.
   • Building model to predict the winning team for team-based video games, utilizing features such as which characters are picked, how long the game lasts, which map the game is on, etc.

ISO Developers: Full-time PHP Developer   09/16—05/17
   • Worked both solo and on teams to complete highly sophisticated websites and applications:
   • Developed a system that uploaded thousands of high-resolution screenshots onto an external server for analysis and evidence of work for all company projects.
   • Designed an iOS app that measures space and time distances between the tapping of buttons in a system for PhD students to measure and verify Fitt's Law of ergonomics.
   • Created unique hash system to send data from the above iOS app to an external web server that would then convert the data into a CSV file that could be sent to any email address.
   • Solved problem of ordering huge social media feeds for a "one stop shop" social media app.

Full Time Classroom Teacher in New Bedford, Brighton, and Gloucester   2010—2016
   • Responsible for design and implementation of math, science, and ELA curricula for grades 1-8.
   • Collaborated on large teams of teachers to assess student progress, curricula, and remediation needs.
   • Designed and carried out highly successful nature-based leadership program for grades 6-8.
   • Introduced instruction on HTML, CSS, and JavaScript programming for all students.

Certifications and Formal Education
      General Assembly Data Science Immersive: Earned December 20th 2017.
      General Assembly Back-End Web Development. Earned November 24th, 2015.
      Lesley University: Masters of Education   2012—2015
      Boston College: Bachelor of Arts in Biology & Human Development   2006—2010