

Maria Elisabeth Schreiber

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TECHNOLOGIES Proficient: Javascript, Node/Express, Sequelize, PostgreSQL, React.js, Redux, Git, Github, HTML, CSS
Knowledgeable: R, Python, D3.js, Tableau, Bootstrap, Socket.io, Mocha, Jasmine, jQuery, Java, C++
Interested: noSQL, GraphQL, React Native, Firebase Cloud Functions

PROJECTS adventureUs <https://github.com/adventureUs/weTravel>, 05/2017

- Used Agile methodology to develop a Firebase-deployed React.js web app that streamlines group travel planning
- Led the team in retrieving from and writing to a non relational database, which was a new technology for the whole team

Pair Programming Feedback Visualizer <https://fir-a38e9.firebaseio.com/feedback/week/1>, 04/2017

- Redesigned FullStack Academy's Pair Programming Feedback Forms and created a D3-React.js visualizer to aggregate and display data to the person receiving feedback
- Won the 'Hopper's Helper' Prize for the best project with an educational focus

Enron Employee Fraud Detection Algorithm <https://github.com/Meschreiber/Enron-ML-Classifier>, 11/2016

- Implemented Python's scikit-learn library to optimize a machine learning algorithm to detect employee fraud
- Compared various classification algorithms (naïve-Bayes, kNN, random forest, stochastic gradient descent, adaboost) and optimized parameters using GridSearchCV

EXPERIENCE Grace Hopper Program at Fullstack Academy, New York, NY, 06/2017 - Present
Teaching Fellow

- Mentored an immersive class by providing technical office hours, code reviews, and project management
- Led weekly technical interview preparation

International School Nido de Aguilas, Santiago, Chile, 07/2014 - 06/2016
High School Science Teacher, Middle School Math Teacher

- Taught Science 9, IB Biology (Higher and Standard Level) with laboratory, Common Core Math 8, and accelerated Geometry
- Coordinated Science Seminar Series, a student-led organization which brought in professionals from scientific and engineering backgrounds to speak to interested high school students
- Attendance grew from 5 students to 25+ students per session within the course of one school year

King's Academy, Madaba-Manja, Jordan , 08/2010 - 06/2014
Faculty Member, Department of Mathematics and Physical and Life Sciences

- Taught Biology 9, Integrated Math 9, and Algebra 1
- Founded the after school yoga program, teaching students and other teachers 2-4 times per week

EDUCATION Grace Hopper Program at Fullstack Academy of Code, New York, NY 2/2017 - 05/2017

- Attended an immersive 3-month software development bootcamp with an 8% acceptance rate

Udacity Data Analyst Nanodegree, Online, 10/2016 – 12/2016

- Project based learning in statistics, data munging, exploratory data analysis, visualizations, and A/B testing

Brown University, Providence, RI, 09/2006 - 08/2010

- A.B. Biology, A.B. German Studies, GPA 3.76

Thomas Jefferson High School for Science and Technology, Alexandria, VA, 08/2001 - 06/2005

- Introductory Computer Science in C++ (A), Advanced Placement Computer Science in Java (5/5)

INTERESTS Yoga, creative and time-consuming cooking and baking, road trips, hiking , learning how to surf