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TECHNOLOGIES	<u>Proficient:</u> Javascript, Node/Express, Sequelize, PostGreSQL, React.js, Redux, Git, Github, HTML, CSS <u>Knowledgeable:</u> R, Python, D3.js, Tableau, Bootstrap, Socket.io, Mocha, Jasmine, jQuery, Java, C++ <u>Interested:</u> noSQL, GraphQL, React Native, Firebase Cloud Functions
PROJECTS	<u>adventureUs</u> https://github.com/adventureUs/weTravel 05/2017 <ul style="list-style-type: none"> 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 <u>Pair Programming Feedback Visualizer</u> https://fir-a38e9.firebaseio.com/feedback/week/1 04/2017 <ul style="list-style-type: none"> 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 <u>Enron Employee Fraud Detection Algorithm</u> https://github.com/Meschreiber/Enron-ML-Classifier 11/2016 <ul style="list-style-type: none"> 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	<u>Grace Hopper Program at Fullstack Academy</u> , New York, NY 06/2017 - Present <i>Teaching Fellow</i> <ul style="list-style-type: none"> Mentored an immersive class by providing technical office hours, code reviews, and project management Created curriculum materials for teaching Express, Sequelize, React and Redux Led weekly learning team lunches for junior students and weekly technical interview preparation <u>International School Nido de Aguilas</u> , Santiago, Chile 07/2014 - 06/2016 <i>High School Science Teacher, Middle School Math Teacher</i> <ul style="list-style-type: none"> 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 <u>King's Academy</u> , Madaba-Manja, Jordan 08/2010 - 06/2014 <i>Faculty Member, Department of Mathematics and Physical and Life Sciences</i> <ul style="list-style-type: none"> 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	<u>Grace Hopper Program at Fullstack Academy of Code</u> , New York, NY 2/2017 - 05/2017 <ul style="list-style-type: none"> Attended an immersive 3-month software development bootcamp with an 8% acceptance rate <u>Udacity Data Analyst Nanodegree</u> , Online, 10/2016 – 12/2016 <ul style="list-style-type: none"> Project based learning in statistics, data munging, exploratory data analysis, visualizations, and A/B testing <u>Brown University</u> , Providence, RI 09/2006 - 08/2010 <ul style="list-style-type: none"> A.B. Biology, A.B. German Studies, GPA 3.76 <u>Thomas Jefferson High School for Science and Technology</u> , Alexandria, VA, 08/2001 - 06/2005 <ul style="list-style-type: none"> 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