(917) 881-8789   **NATHANIEL OSTRER**   69 Brown Street, Box #5133
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Education

Brown University, *ScB Computer Science expected May 2021* (Providence, RI)   9/17 – Present
- Relevant coursework: Accelerated Intro to Computer Science, Software Engineering, Deep Learning, Probability for Computing and Data Analysis

Work Experience

Apptimize Inc., *Software Engineering Intern* (San Francisco, CA)   05/18 – 08/18
- Wrote automation scripts in Python used by entire engineering staff
- Created new tests for Jenkins and Travis CI setup
- Built initial React Native test app for JavaScript SDK

DATA 1030, *Teaching Assistant* (Providence RI)   05/18 – Present
- Design and implement an introductory Data Science course for master's students

Bowery Labs Inc., *Software Engineering Intern* (New York, NY)   7/16 – 10/16
- Used Python to train machine learning models to predict NYC subway train arrivals
- Contributed to Java code for back-end routing system for real time transit directions

Projects

Speculo, Facebook Global Hackathon, 2018, *Team Member* (Menlo Park, CA)   11/18
- First-of-its-kind app that allows screen sharing across any device or platform
- Worked on backend to screen-sharing devices and forward content to Facebook Live.
- Finalist at 2018 Facebook Global Hackathon

Bairea, Treehacks, 2018, *Team Member* (Stanford, CA)   2/18
- Developed a low-cost, mobile air quality sensor to map air pollutants
- Wrote a service on Google App Engine, using Python, to log and visualize sensor data
- Won TomKat Prize for Sustainability out of 1000+ hackers

Sight, YHack 2017, *Team Member* (New Haven, CT)   12/17
- Developed an app that helps visually impaired individuals navigate and interact with their surroundings
- Reverse engineered Facebook's tagging service to identify a user's friends
- Applied Google's Vision API for OCR, label detection, and facial sentiment analysis
- Won 1st place overall out of 1000+ hackers and best use of a Facebook API or SDK

Leadership Experience

Atomic Theory Robotics Team, The Dalton School, *Captain* (New York, NY)   9/15 – 6/16
- Led a team of 15 students in building and programming a robot to perform various challenges
- Competed in the FTC world robotics competition in St. Louis

Skills & Interests

Programming Languages: Python, Java, JavaScript, C, Objective-C, SQL, HTML, CSS
Technical: Data Science, Functional Programming, Unix, Google Cloud Platform, AWS, Jenkins CI, Travis CI, GitHub, Jira, Confluence, Pandas, Numpy