(917) 881-8789

NATHANIEL OSTRER

69 Brown Street, Box #5133

nathanielostrer@gmail.com

Providence, RI 02912

Education

Brown University, *A.B. Computer Science, Urban Studies 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, Computational Linguistics

Work Experience

Facebook, *Software Engineer Intern* (Menlo Park, CA)   5/19 – 8/19
- Worked with Community and Election Integrity Infrastructure teams
- Wrote a tool using Hack and Presto to backfill billions of failed integrity actions

CSCI 1470 – Deep Learning, *Teaching Assistant* (Providence, RI)   5/19 – 12/19
- Designed and implemented an introductory Deep Learning course for undergraduates
- Assisted students with coursework, answer questions, lead weekly labs

Apptimize, *Software Engineer Intern* (San Francisco, CA)   5/18 – 8/18
- Created new tests and automation scripts for continuous integration process
- Built initial React Native test app for JavaScript SDK

DATA 1030 – Introduction to Data Science, *Teaching Assistant* (Providence, RI)   5/18 – 12/18
- Designed and implemented an introductory Data Science course for master's students
- Lead weekly labs, answered questions, graded problem sets

Bowery Labs, *Software Engineer 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

Babel Fish, Hack@Brown (Providence, RI)   2/19
- Video chat app with real time translation between 30+ languages
- Won Facebook Sponsor Prize out of 500+ hackers

Speculo, Facebook Global Hackathon (Menlo Park, CA)   11/18
- First-of-its-kind app that allows screen sharing across any device or platform
- Finalist at 2018 Facebook Global Hackathon

Bairea, Treehacks (Stanford, CA)   2/18
- Developed a low-cost mobile air quality sensor to map air pollutants
- Won TomKat Prize for Sustainability out of 1000+ hackers

Sight, YHack (New Haven, CT)   12/17
- Reverse engineered Facebook's tagging service to identify a user's friends
- Won 1st place overall out of 1000+ hackers and best use of a Facebook API or SDK

Skills & Interests

Programming Languages: Python, Java, JavaScript, C, Objective-C, SQL, HTML, CSS, Hack, PHP
Technical: Functional Programming, Unix, Google Cloud Platform, AWS, Jenkins CI, Travis CI, GitHub, Jira, Confluence, Pandas, NumPy, TensorFlow