

EDUCATION

Sc.B. Computer Science and Economics, Brown University, GPA: 3.93 / 4.0

Sep 2015 — May 2019

Design and Analysis of Algorithms The Entrepreneurial Process Computer Systems Artificial Intelligence

EMPLOYMENT

Software Development Intern, Education First

May 2017 — Jul 2017

Software development intern on the tour purchase team at Education First.

- Solved bugs and built features in the internal CRM used by hundreds of salespeople.
- Built an administration tool from scratch to manage the types of available tour customizations.
- Independently built an auditor to draw insights into the customizations customers were requesting.

C# ASP.NET HTML React.js JavaScript RabbitMQ

Teaching Assistant, Brown University

Sep 2016 — Dec 2017

Teaching assistant for Accelerated Introduction to Computer Science (Fall 2016), Introduction to Software Engineering (Spring 2017), and Artificial Intelligence (Fall 2017).

- Created and updated assignments for classes with hundreds students.
- Guided and mentored students through these assignments on a weekly basis.

Pyret Java Python

Technical Intern, State of Rhode Island

Feb 2016 — May 2016

Web development intern for Rhode Island's Office of Digital Excellence.

- Sole developer of GetOutdoorsRI, a website encouraging Rhode Islanders to explore local parks.
- Built on a Drupal site originally developed by the state of Missouri.
- Project commissioned by the Rhode Island governor.

HTML Drupal PHP

Software Developer, SchoolBee

May 2015 — Sep 2015

Third software developer for a startup focused on digitizing the K-12 experience.

- Solved bugs and built features in SchoolBee's web directory software, which is used by thousands of students and their families.
- Developed an automated view system to improve the speed of reads from a Mongo database.

HTML Angular.js Node.js MongoDB

PROJECTS

Developer, airDrive

Jun 2016 — Aug 2016

Independently built proof-of-concept cloud storage website that combined the usability of Dropbox with the security of file sharding and end-to-end encryption.

- Files were sharded across a network of users' machines using Storj.
- Participated in Breakthrough-Lab, a summer entrepreneurship program at Brown University.

HTML JavaScript Node.js MySQL Storj

Developer, jGrader

Sep 2014 — Apr 2017

Led a small team in building a website that enabled high school teachers to virtually collect, execute, and grade computer science assignments written in Java.

- Was used by hundreds of teachers and thousands of students with virtually no marketing.

HTML JavaScript Node.js MySQL Java

Developer, ProcessWatch

Dec 2014 — Oct 2015

Co-developed process.watch, a website that assisted cloud service providers in monitoring server statuses through email-based notifications.

- Sold stake to local cloud service provider.

HTML JavaScript Node.js MongoDB