# Gregory Carlin

http://gregcarl.in
914.325.3213 | gregory_carlin@brown.edu

## EDUCATION

### BROWN UNIVERSITY
BS in Computer Science
May 2019 (Anticipated) | Providence, RI
GPA: 4.0 / 4.0
Selected Coursework
User Interface Design
The Entrepreneurial Process
Software Engineering
Design and Analysis of Algorithms
Computer Systems

### BYRAM HILLS HIGH SCHOOL
Grad. May 2015 | Armonk, NY
Awards
Eagle Scout
Intel Science Talent Search
Semifinalist
Abe Shahim Research Award
Acorda Scientific Excellence Award

## LINKS

Github:// **gregthegeek**
LinkedIn:// **gcarlin**

## SKILLS

### PROGRAMMING
Expert:
Java • CSS • Javascript
HTML
Proficient:
Python • SQL • PHP
Familiar:
Shell • iOS • LATEX • C • Pyret
Drupal • Assembly

## BROWN UNIVERSITY | Teaching Assistant
Sep 2016 - Dec 2016 | Providence, RI
- Teaching assistant for *Accelerated Introduction to Computer Science*.
- Graded weekly Pyret assignments for class of around 60 students.
- Guided students through labs and homeworks during weekly office hours.

## AIRDRIVE | Software Developer, Co-Founder
Jun 2016 - Jul 2016 | Providence, RI
- Built a proof-of-concept cloud storage website that combined the ease of Dropbox with the security of end-to-end encryption.
- Participated in Breakthrough-Lab, a summer entrepreneurship program at Brown University.
- Used Nodejs, MySQL, and Storj, a peer-to-peer storage network that provides cheaper costs and extra security.

## STATE OF RHODE ISLAND | Technical Intern
Feb 2016 - May 2016 | Providence, RI
- Sole developer of GetOutdoorsRI - a website encouraging Rhode Islanders to explore local parks and commissioned by the governor's office.
- Fixed, adapted, and modified Missouri's similar website (100 Missouri Miles), built on Drupal.

## SCHOOLBEE | Software Developer
May 2015 - Sep 2015 | Rye, NY
- One of two developers that worked on SchoolBee's K-12 directory software, which is used by school districts throughout Westchester County.
- Developed an automated view system in Nodejs to improve the speeds of reads from the MongoDB database.
- Web-based platform is used by thousands of K-12 students and their families.

## JGRADER | Software Developer, Project Lead
Sep 2014 - Jun 2015 | Armonk, NY
- Built jGrader.com - a Nodejs website with a MySQL database that enables high school computer science teachers to accept Java assignments online.
- No longer actively developed, but still has hundreds of active users.

## PROCESSWATCH | Software Developer
Dec 2014 - Sep 2015 | Armonk, NY
- Co-developed Process.watch - a Nodejs website with a MongoDB database that assisted cloud service providers in managing email-based server notifications.
- Sold stake to local cloud service provider.

## VIRTUAL TRUSTEE, LLC | Software Developer
Jun 2014 - Sep 2015 | Bedford Hills, NY
- Sole developer of MyTrustCo - a website that educates individuals on how to manage trusts.
- Organized as a freelance project by a local couple.
- Built initial site from scratch on PHP and MySQL, later rebuilt on top of Drupal.

## RESEARCH | Object-Oriented Database Management Systems
Jan 2013 - May 2015 | Armonk, NY
- Developed a query cost model for the weakly dependent subquery optimization of the Stack-Based Query Language.
- Selected as one of 300 semifinalists in the Intel Science Talent Search, and one of 6 to be presented at Facebook's Manhattan office, among other awards.