

EDUCATION

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- Brown University**, GPA: 4.0 Class of 2018
- Dual B.A. *Computer Science and Literary Arts*
 - Relevant Coursework: Computer Systems, Introduction to Software Engineering, User Interfaces and User Experience, Introduction to Algorithms and Data Structures, Discrete Structures and Probability, Objected Oriented Programming
- Leon High School**, GPA: 4.0 Class of 2014
- Honors: Ranked 1st in class of 380 students, *Summa cum laude*, National Merit Finalist, AP Scholar

PROFESSIONAL EXPERIENCE

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- Fidessa**, Software Development Intern Summer 2017
- Developed an internal tool using Node.js, AngularJS, and Tcl scripting to track a stock exchange order as it progresses through a variety of systems.
- CS0150 Object Oriented Programming**, Teaching Assistant Fall 2016
- Held office hours, lab section, design discussions, and graded Java projects for 400+ students.
 - Assisted with designing homework, projects and lectures to solidify student understanding of key object oriented programming concepts.
- Baboon Animation**, Story Development Intern Summer 2016
- Developed and designed animated childrens' shows with an Emmy-winning team of writers.
- McIntosh & Otis Literary Agency**, Editorial Intern Summer 2016
- Reviewed manuscripts, provided in-depth reports, researched foreign rights issues, and drafted contracts
- Koren Publishers**, Marketing Associate and Video Manager Summer 2015
- Developed a publishing campaign, and produced promotional videos and advertisements.

SELECTED PROGRAMMING PROJECTS

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- News for Good** Spring 2017- Present
- Backend developer for a web app which displays current news articles matched with charities and volunteer opportunities related to the article topics (using several different APIs to retrieve articles and charities).
 - Features topic modeling using a large set of training data to match news articles with topics, a smart ranking system to match articles with charities, and the ability to donate directly to a charity through the Stripe API.
- Maps** Spring 2017
- Implemented a web app which, based on a database of world data, uses canvas to draw an accurate map.
 - Features zooming, panning, and location selected by both text input (autocorrected using a trie) and interactive clicking. Shortest routes are displayed and are affected by live traffic updating in real time.

TECHNICAL SKILLS

Experienced: Java, Python, JavaScript
Familiar: CSS, HTML JavaFX, AngularJS 2, C, SQL, XML, Tcl, Pyret

CAMPUS INVOLVMENT

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- Women in Computer Science (WiCS)** Fall 2014 – Present
- Participate in mentorship program to become more involved in creating a welcoming CS community.
- Brown-RISD Hillel**, Engagement Intern Fall 2015 – Spring 2016
- Organized a film festival, orchestrated a marketing campaign, and secured sponsors and locations.

HACKATHONS

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- Flawless Hacks** Spotify 2017
- Created a website to make music playlists based on photos uploaded by a user. Developed a Java backend using the Clarifai API to analyze photos, and the Spotify API to create and maintain playlists.
- YHacks** – Winner of “Best Use of Esri Technology” award Yale 2016
- Developed an interactive website mapping instances of discrimination in the United States using ArcGIS, Javascript, Html, CSS, and Adobe After Effects with the goal of raising awareness and sparking change.