

## EDUCATION

**Brown University** Providence, RI

September 2015 – May 2019

*Sc.B. Computer Science and Economics, GPA: 4.0*

- **Computer Science Coursework:** Accelerated Intro to CS (class only open to select few students), Integrated Intro to CS, Intro to Discrete Math & Probability, Intro to Computer Systems, Computational Biology
- **Economics Coursework:** Principles of Economics, Management of Industrial & Nonprofit Organizations (business case studies from a consultant's perspective), Mathematical Microeconomics, Intermediate Macroeconomics
- **Programming:** Proficient in Java, Scala, JavaScript, Excel, HTML, CSS, Bootstrap. *Learning* Python, SQL, Ruby on Rails.

**Northview High School** Johns Creek, GA

August 2011 – May 2015

- **Academics:** Valedictorian, Nat'l Merit Finalist, Nat'l AP Scholar, Presidential Scholar Nominee, 2350 SAT, 36 ACT

## EXPERIENCE

**Spiralyze** Atlanta, GA

June 2016 – August 2016

*Analytics Intern*

- Leveraged data science and machine learning techniques to extract ecommerce checkout cart best practices from three years of client data, and then applied these metrics to evaluate the checkouts of ecommerce's Fortune 100.
- Independently project-managed a mid-tier online catalog company; insights immediately created 15% revenue gains.
- Redesigned four client checkouts, focusing on conversion optimization; improved conversion by 5.3% on average.
- Ideated agile, rapid changes to client sites through careful analysis of A/B tests via Optimizely and VWO.
- Proved a connection between individual page elements and checkout time through a linear regression of client data.
- Envisioned, designed, built, and sold a new company marketing initiative to systemize website redesign.

**Collegiate Consulting Group** Brown University

September 2015 – December 2015

*Consultant – Sportody project*

- Conducted extensive primary (interviews) and secondary (external information and studies) research to scope out particular sports' market sizes and viabilities for Sportody's entrance into the New England area.
- Using benchmarking, devised recommendations for Sportody's service, including rebranding a sporting category.
- Created 5 slides for the final slide deck; presented to Sportody C-level executives.

**Veni Vici Vidi Academy** Johns Creek, GA

June 2013 – February 2015

*Co-Founder, Software Development Lead*

- Key driver in launching this test prep academy; reconfigured business plan, attracting 50 clients in just 2 months.
- Developed large-scale item analysis software, integrating multiple Google Sheets via scripts, for 100+ students' use.
- Led and guided 8 interns through the software stack and VVV's pioneering ACT curriculum in Summer 2014.

## INNOVATION AND SERVICE

**Community Innovation Project Fellowship** Swearer Center for Public Service @ Brown

October 2016 – Present

*Intern, Providence Student Union*

- Selected as one of five students to receive funding and be matched with a social innovation-centered organization.
- Paired with the Providence Student Union to create an iOS app that will coordinate student activism and involvement.
- Will research viability, features, and scope; wireframe the design; build the app; and beta-test it with the PSU network.

**anonymE** Providence, RI

September 2016 – Present

*Founder and CEO*

- A website to help teachers save time grading anonymously, significantly reducing bias in the classroom.
- Wrote and pitched the deck (<https://goo.gl/ox5QKy>), coded the demo in Ruby on Rails, and led our team to win Startup Weekend Education Providence 2016, an edtech hackathon.
- Secured strategic partnerships with the Social Entrepreneurship Greenhouse and the Highlander Institute.
- Piloting in three Providence-area high schools in February 2017.

**CS 19 Teaching Assistant** Brown University

September 2016 – Present

- Competitively chosen to TA for Brown's accelerated intro cs course. Responsible for grading and holding office hours.

**Brown Science Prep** Brown University

September 2015 - Present

*Mentor*

- Wrote and taught accessible 3-hour science lessons to Providence-area high schoolers each week.
- Mentored and advised students about science, as well as high school/college applications in general.

## INTERESTS

finance, consulting, startups, teaching, iOS/web apps, chess, basketball, the Atlanta Falcons, Batman, recreational eating