

## Education

**Tufts University**, B.S. in Computer Science

*Expected May, 2017*

**Classes:** Machine Structure and Assembly Programming; Computational Theory; Web Engineering  
Leader – Tufts Wilderness Orientation | President - Tufts Beelzebubs | Mechanic – Tufts Bikes

## Experience



**Solutions Engineering Intern**, TripleLift *Summer, 2015*

- On a team of 6 engineers, worked to create interfaces to provide access to integral database information to non engineering teams
- Worked with PHP using an MVC system, MYSQL, PostgreSQL, HTML, Javascript and CSS
- Pushed to production consistently
- Created internal tool to view customizable combinations of marketing metrics across for use of Business Development and Sales teams
- Constructed complex SQL queries to extract new data that had not been fully evaluated
- Developed internal application to analyze performance of specific advertisements when compared to a selection or type of publishers.
- Worked with designers to style and polish responsive native advertisements
- Helped design agile workflow for advertisement creation, using Trello, for future TripleLift employees
- Planned transition to a new data schema to would allow for more specificity and flexibility when tracking user interactions



**Summer Travel Associate**, Jetaport *Summer, 2014*

- QA testing across browsers and devices
- Negotiated and booked travel and room packages with international luxury properties and clients
- Fostered relationships in the travel and wedding industry on behalf of Jetaport
- Primary author of Jetaport Blog



**Lead Intern**, LaundryPuppy *Summer, 2014*

- Designed website using content management system
- Created a customer concierge with automated text messaging to improve user experience

## Projects

**Song Stories**, iPad App

*Spring, 2015*

- Musical sticker book iPad App geared toward children built using Swift and a musical, visual programming software called PureData
- Drag and drop “sticker” into story-book environments, each image played thematic notes and phrases, that could be edited by changing the size and location of the sticker

**Universal Machine**, C/Assembly Language

*Fall, 2015*

- Built an emulation of a simple computer from the compiler to the language
- Involved rigorous testing and modular design plan

## Skills

### Computing

Proficient in: C, C++, PHP, HTML, Javascript, CSS, MYSQL, jQuery and Git  
Experience in: PostgreSQL, Ruby on Rails, MongoDB, PureData and Swift

**Media:** Final Cut Studios, Adobe Photoshop, Adobe Illustrator

**Spanish:** Full Professional Proficiency