Justin N. Sullivan

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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 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 that 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, Node.js, AWS and Swift
Media: Final Cut Studios, Adobe Photoshop, Adobe Illustrator
Spanish: Full Professional Proficiency