Jake Kent

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GitHub (https://github.com/jake-kent) **Personal Website** (http://jake-kent.github.io/)

Work Experience

Incoming Software Engineer/Web Developer   Sept. 2017
Lightmatter (lightmatter.com)

CTO/Head of Tech and Webmaster/Lead Site Developer   Jan. 2016 – Present
ArchHacks (archhacks.io) (Repo)
In charge of web and tech for ArchHacks, Wash U's premier hackathon (>500 hackers). Built the hackathon website from scratch using a Flask/Apache server to attract more than 52,000 page views from more than 14,000 unique users and more than 2,500 applications. Worked with two fellow students and mentored several others to design the site and implement features from user accounts and data visualizations to cornhole tournaments as well as Python software modules to help with hackathon logistics and aid sponsors such as Express Scripts, Google, Pfizer, Centene, Siemens, Cisco and AT&T.

Software Engineering Intern   May – August 2016
Lightmatter (lightmatter.com)
Collaborated with executives and the engineering team to complete top priority client work and internal productivity improvement software. Built a large part of the Paladin (https://www.joinpaladin.com/) website MVP front-end with a senior engineer. Created and implemented software on a new Heroku instance that pulled data from the GitHub, Pivotal Tracker, Google Apps and Slack APIs to keep track of and improve the productivity of all engineers at the firm. Also learned QA protocol, industry best-practices Python and Django testing, and email templating and worked on the firm's Django setup scripts.

Web Developer/Designer – Intern   May – August 2015
The Tribeca Film Institute (tribecafilminstitute.org)
Improved functionality and restructured the site homepage including building and implementing a JS carousel and nav bar, and a "Support Us" popout. Redesigned global site grid/layout involving restructuring several MySQL queries. Consistently invited to present my work and ideas at weekly development and "all-staff" meetings. To explore even more details of my work at the TFI, check out: http://bit.ly/1LycpTk

Web Developer/ Designer – Intern and Consultant (fall 2015)   May – August 2015
Tribeca Disruptive Innovation Awards (tribecadisruptiveinnovationawards.com) & Turtle Pond Publications
Completely redesigned the TDIA website, rebuilding all site pages to improve functionality and appearance.

Web Developer - Intern   May – August 2014
Democracy.com
Partnered with a senior engineer to provide user support, troubleshoot, and develop new features. Helped debug issues with campaign contributions and direct deposit bank account. Optimized candidate database loading process by ten times. Created many UI elements including popups, charts and new pages. Dynamically generated user alert emails.

Education

Bachelor of Science in Computer Science   Expected May 2017
Washington University in St. Louis, School of Engineering & Applied Science
Related Courses: Web Design and Development (taken and TA'd for three semesters (incl. 1 as asst. head TA)); Mobile App Dev., Intro to A.I. (Python), Intro to C++; Algorithms and Data Structures (Java); Intro to Comp Sci and Advanced Comp Sci (Java); Social Network Analysis; Technical Communication; Spring 2017 Independent Study about Data/Information Visualization (Python, JS, d3.js) (Prof. Ottley)
Honors: Dean's List – Fall 2015, Spring 2016

Graduated with Associate Degree and Honors   Sept. 2009 – June 2013
Bard High School Early College
(BHSEC Campus, Manhattan, New York NY) Honors: Academic Achievement Award – Music

United States Jewish Men's National Soccer Team (Pam Am Maccabiah – Chile)   December 2015 – January 2016
Washington University in St. Louis, Division III Men's Club Soccer Team   August 2013 – Present

Skills

Proficient in Python, HTML, CSS/SCSS, Django, Flask, JavaScript/jQuery, Git, Apache, MySQL, Java, PHP, Node.JS, Socket.io, C, C++, C#, React, Flux, .NET, ASP.NET, Assembly/GCC/GDB, Heroku Deployment, ExpressionEngine, WordPress, Mandarin Chinese; trumpet player and West African/Samba drummer; knowledge of Spanish and Latin.