

Matthew W. Downs

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Currently a web developer at Triton Digital in Kenessaw, Georgia. Languages and skills include HTML, CSS, Javascript, PHP, Python, JQuery, AngularJS, Node.js, WordPress, Agile and Test Driven Development.

Projects

	Description
HappyPlace	HappyPlace is a webapp for keeping placing markers on a map for and keeping track of places that just made you happy. Pretty simple. I built HappyPlace using HTML/CSS, AngularJS, Node.js, Express, and MongoDB. It also makes use of the Leaflet to render the maps and the Leaflet Angular Directive to manipulate the map using Angular. I built it keeping the mobile experience in mind, so it works well on phone sized screens. One of the biggest challenges in building HappyPlace was getting the map to render using Geolocation. The solution ended up being to center the map on a fixed point on load, and then, once the Geolocation coordinates were retrieved, to recenter the map. URL: happyplace.click GitHub: github.com/mwdowns/happyplace
GetCohort	GetCohort was a group project using HTML, CSS, Python, Flask, PostgreSQL and Agile methodologies. The app was envisioned as a site where Code Schools could showcase their students for prospective employers, students could catalogue their projects and skill development at a Code School, and employers could find possible new hires. While not the most beautiful site, it's underlying framework and database structure is robust and extremely scalable. Our biggest problems were with implementing image storage for avatars, project screenshots, etc. Simplest solution for now was to store the images in a separate file, but in the future we'd like to store them in the database. URL: http://54.148.11.254 GitHub: github.com/DigitalCrafts-September-2016-Cohort/GetCohort

Education

09/16 – 01/17	Full Stack Web Development Course <i>DigitalCrafts</i>
1999 - 2002	Master of Arts in English with a concentration in Linguistics <i>North Carolina State University</i>
1994 - 1999	Bachelor of Arts in English <i>Virginia Tech</i>
Fall 1998	Study Abroad in Quito, Ecuador <i>Universidad de San Francisco en Quito</i>

Employment Experience

- | | |
|-----------------|---|
| 02/17 – Present | Triton Digital, Kenessaw, Georgia
<i>Web Developer</i>
The product I work on uses the WordPress blogging platform, PHP, JavaScript, JQuery, AngularJs, and Node.js. We use Agile for planning and Git for version control. My responsibilities include trouble-shooting bugs and creating and maintaining the various plugins for our product. |
| 09/09 – 08/16 | Daurma An Farms, Sado-City, Japan
<i>Junior Partner, farmer</i>
Responsible for activities associated with farming rice. This includes the operation of heavy equipment, such as tractors and combines, crop planting and harvesting, land care and maintenance, building and equipment repair, weather observation, marketing, and distribution. |
| 8/04 – 09/09 | Sado City Board of Education - Hamochi Office, Hamochi, Japan
<i>English Language Teacher</i>
Responsible for the development and implementation of an English education curriculum for 7 elementary schools in and around Hamochi-town; assist with English education at the junior high school level; plan and coordinate cross-cultural activities for the Hamochi community. |

Academic Experience and Related Coursework

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|-----------|---|
| Fall 2001 | Teaching Experience
Instructor of Freshman Composition and Rhetoric (two sections).
North Carolina State University |
| | Conference Papers
“Narrative, Intertextuality, and Parallel Processing.”
Narrative 2002: An International Conference; April 2002

“Back to the Vernacular: A Historical Perspective on AAVE in Hyde County, North Carolina.”
SECOL LXV; November 2001
NC State Discourse Analysis Colloquium; April 2001 |
| 2000–2001 | Research Experience
Research Assistant for North Carolina State Linguistics Department and the North Carolina Language and Life Project |

Other Skills and Hobbies

Japanese Language Proficiency Level 3; working knowledge of Spanish; woodblock print making, writing really bad poetry, Ultimate Frisbee, Disc Golf

References

Can be provided upon request