

COREY SCHAFER

CoreyMSchafer@gmail.com

Online Portfolio: coreyms.com/portfolio

EDUCATION

Marshall University • College of Information Technology and Engineering • 2005-2010 •
Bachelor of Science in Computer Science with a minor in mathematics

•GPA in Major: 3.93 / 4.0 • Cumulative GPA: 3.29 / 4.0

Honors: 2010 Comp-Sci Outstanding Student Award, 2005 Buck Woodall Student-Athlete scholarship, placed in a District ACM ICPC Programming Contest

EXPERIENCE

Software Engineer • West Virginia University GIS Technical Center • 2012-Current

- Develop and Design GIS Web Applications using the ArcGIS JavaScript API
- Write and publish geoprocessing services with Python and ArcPy
- Create backend user authentication systems using PHP and MySQL

Sys Admin / Developer • NorthEast Natural Energy LLC • 2011-2012

- Developed web scraping programs using Python for collecting competitive data
- Created and Maintained SQL Server databases

Software Engineer • MATRIC • 2010-2011

- Developed GIS Web Applications using ActionScript and the ArcGIS API for Flex
- Created original widgets for routing, mapping wind data, and simulations

NASA: Launch Control System Application Services and Framework Team • 2009

- Interned with a team developing a mobile application to view data remotely

TECHNICAL SKILLS

Languages:

- | | |
|------------------|---------------|
| •HTML, CSS, Sass | • <u>Java</u> |
| • Javascript | • PHP |
| • <u>Python</u> | •Ruby |
| •C++ | • <u>SQL</u> |

Tools, Frameworks, and Libraries:

- | | |
|-------------------------|-------------------|
| • <u>Git and GitHub</u> | • <u>Bower</u> |
| • Laravel | • Angular |
| • <u>WordPress</u> | • <u>Backbone</u> |

- Yeoman
- Grunt / Gulp

Software:

- Mac OS X / Linux / Windows
- Photoshop / Illustrator / GIMP

- Node
- Vagrant

- Chrome Dev Tools
- Sublime Text

PERSONAL WEBSITES

CoreyMS.com • Creator, Writer, Administrator • 2014-Current

- Personal WordPress blog about programming, web development, design, and more
- Perform system administration through SSH on a VPS running Ubuntu

Quonation.com • Creator, Developer, Designer, Administrator • 2012-Current • Side project created to practice frontend and backend web development

- Designed relational database, log-in system, and custom voting/favoriting system
- Wrote a Python scraper to automatically collect and add quotes to the database

VOLUNTEER EXPERIENCE

Computer Assistance • Heritage Point Retirement Home • 2012-Current Help residents with any computer problems for two hours each week. Mainly help with networking, typing, basic instruction, and troubleshooting.

FIRST Robotics • Marshall University • 2009

Helped a local youth FIRST Lego Robotics Team in assembling robots, programming their functionality, and solving multi-solution problems

Marshall University Student Ambassador • 2007-2008

Gave campus tours, organized promotional events, and ran summer orientation

ACTIVITIES / HOBBIES

Robotics

Arduino Programming and studying electronics as a hobby

Woodworking

Frequently designing and building new projects in the workshop

Astronomy

Founder and former President of the Marshall University Amateur Astronomers Club. Held several star gazes around campus to get the public interested in astronomy.

Outdoor Recreation

Kayaking, Hiking, Camping, Rock Climbing, Snowboarding, and Biking

REFERENCES

References are available upon request