Erik Slack
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SUMMARY

More than 7 years programming and application development experience.
Loves to learn and already knows a ton.

COMPUTER SKILLS

Languages

- Proficient in: HTML5, CSS3, Bootstrap, JavaScript, JQuery, Angular, Node, Express, XML, JSON

- Proficient in: C++, C, PHP, WordPress

- Dabbled in: Unity3D

- Fluent in: English, Portuguese, Spanish

Software

- Database: MongoDB

- Tools: Git, GitHub, Bitbucket, Trello, Taiga, Harvest, various merge tools

- Platforms: Windows, Mac, Linux

Development

- Methodology: Agile, Scrum, Object-Oriented

- Project Management, Design, Full Stack, APIs

Portfolio

- Personal Github Account: https://github.com/erik-slack

- Linked-In Profile: https://www.linkedin.com/in/erikslack

EXPERIENCE

Software Developer   2014 - Current

Verisage

- Back-end and front-end development involving ContractPal, jQuery, Bootstrap, HTML5, CSS3, JavaScript, Ajax, and many different API's (like MasterCard Match, Profit Stars EPS, and more) using XML and JSON.

- WordPress plugin development involving PHP, WordPress, Linux servers, cron jobs, Git, Scrum, Agile, Taiga.

- Daily interaction with clients in scrum meetings using skype and GoToMeeting to coordinate testing, new features, and fixing any defects. QA done internally by team and also by clients according to agile scrum methodology.

Course Instructor   2015 - Current

Coding Campus

- Taught basic programming skills to people seeking a career change.

- Taught MEAN stack to students including MongoDB, Express servers, AngularJS, and Node.js.

- Also taught jQuery, Bootstrap, JavaScript, CSS3, HTML5, Git, photo-editing, Ajax, Trello, JSON, CRUD, Test-Driven Development, and how to use public API's.

- Responsible to provide daily programming warmups to challenge students, weekly homework employing the skills taught in class, tutoring students, assisting students with resumes and job-seeking skills.

- Designed hand-coded solutions to warmups and homework.

Technical Consultant   2014 - 2015

Elemental BPO

- Developed custom websites and built custom WordPress themes for International Business Management Consulting company using WordPress, JavaScript, HTML5, and CSS3.

Self-Employed Web Developer   2008 - 2014

SlackSites.com

- Setup of hosting, domains, emails and other services for clients.

- Custom design, WordPress, HTML5, CSS3, JavaScript, e-magazines, e-commerce, blogs

- Daily interaction with clients and frequent in-office visits

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EDUCATION

Brigham Young University   12/2013 - Current

Provo, UT

- Computer Science / Information Technology
    - Programming essentials.
        - Built desktop applications using C++, Linux, Valgrind memory leak tester, a code complexity tester, and g++ compiler. Practiced multiple inheritance, polymorphism, modularization, iteration, and recursion.
    - Data Structures
        - Built custom abstract data structures allowing storage of any type of data without memory leaks in C++ on Linux machines.
        - Built linked-lists, binary search trees, and AVL trees.
        - Implemented Sets, Dictionaries/Maps, Linked-Lists, BST's, AVL Trees, Deques, Queues and Stacks.
        - Learned about hash tables in legacy systems which were built quadratic or linearly, and also modern systems using chaining and buckets.
        - Learned big-oh notation.
    - Discreet Structures
        - Learned Boolean algebra, parse tables, and truth tables.
    - Information Technology essentials
        - Learned to build complex binary systems using electric charges on breadboard circuits.
        - Built Space Invaders game using C, Alter Cyclone II micro-controller, accelerometer, and binary logic.
        - Learned to sniff packets using Wire Shark.
        - Learned hexadecimal, binary, and other-based arithmetic.