Borislav Raychev

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EDUCATION

Aug 2011 - Sep 2016
Technical University of Sofia - Plovdiv Branch
Bachelor's Degree on Computer Systems and Technologies

Sep 2006 - May 2011
Vocational School of Electrical Engineering and Electronics
Microprocessor technology with qualification of "electronics technician"

WORK EXPERIENCE

Jan 2018 - Now
Freelance Web Developer

Developing and hosting of web sites, e-commerce online stores and front end web apps. Keeping up to date with the newest trends in web development.

March 2017 - Now
System Administrator at Comsoft / Rekonekt
Plovdiv, Bulgaria

Regular maintenance of computer systems on multiple companies and individual clients. Identifying and solving hardware or software related issues. Working with SQL databases and virtual machines. Support of software solutions made by Microinvest for inventory management and accounting. Writing scrips to automate workflow or back up data. Configuring virtual networks, network management and remote access.

Jun 2015 - May 2016
RTL Verification at Sibiz Corporation
Plovdiv, Bulgaria

RTL Verification on projects by AMD and Cadence.

Design, maintenance and verification of OOP based testbenches that make use of the UVM standard and class library, written in SystemVerilog. Development of tests to be used in the testbench. Simulation and verification of ASIC/FPGA based integrated circuits.

SKILLS

Languages
Bulgarian - Native language
English - Fluent
French - Beginner

Driver's License
B Category

Web Development

Web development with HTML5, CSS, Javascript Es6 and TypeScript. CSS frameworks Bootstrap, Tailwind and Materialize and their React framework versions. SASS stylesheet technology. UI/UX. Javascript frameworks and libraries, React/NextJS, Vue, Electon, Redux, GraphQL, NodeJS, Express.
Database technologies MS SQL, PostgreSQL, MongoDB and Firebase. NPM and Git. Building and consuming REST APIs.

Web hosting, phpMyAdmin and cPanel. FTP client Filezilla. Postman API Client. Local hosting with WAMP and XAMPP. Wordpress CMS and E-commerce platforms OpenCart, PrestaShop.

Other Programming Skills

Object-oriented programming (OOP).

Professional experience with SystemVerilog, UVM (Universal Verification Methodology) and Verilog. Basic knowledge with C++, VHDL and Java. Simulation and verification of ASIC/FPGA based integrated circuits under a standardized methodology.

System Administration and Computer Maintenance

Experience with hardware diagnostics, benchmarking, overclocking, re-installation of Windows and Linux operating systems, replacement of individual hardware components, cleaning and replacing thermal compound on desktop computer systems or laptops. Using software solutions for diagnostics of operability, data recovery and benchmarking.

Virtual machines solutions such as Oracle VM VirtualBox and VMWare Workstation. Working with MS SQL Server, setting up replications and backing up databases, working with SQL databases. Writing batch files and autohotkey scripts to automate workflow. Setting up virtual private networks, levels of clearance. Working with active directories.

Installing internet cables, setting up networks and configuring routers. Setting up remote computer access.

Knowledge on the performance characteristics of modern hardware components currently available on the market.

Experience with office package solution, video editing software Vegas Pro, vector graphics editing software CorelDraw, image editing with Affinity Photo and GIMP and circuit and electrical schematics modeling and simulation software OrCAD. Basic knowledge with Adobe Photoshop.

Electrical measurements and soldering.

Other Skills And Competences

Experience as a moderator of an international gaming forum and organizing an international tournament.

Knowledge in the field of professional sound systems and audiophile playback equipment.