

# DINO CAJIC

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Web developer and software engineer with technical expertise in developing advanced web applications and desktop/mobile software. Maintains existing websites and software; upgrades newly-acquired software regularly. Has deep knowledge and understanding of both business and software development processes, with the ability to synthesize complex problems into real world solutions.

## EXPERIENCE

**NOVEMBER 2009 – PRESENT**

**SENIOR SOFTWARE ENGINEER, WESTERN WHEEL AND TIRE**

Wholesale E-Commerce web-development. Web-Application Development for employees and customers. Produce all necessary graphics for the company. Manage and provide the deployment, monitoring, maintenance, development, upgrade, and support of all information technology systems, including servers, PC's, operating systems, hardware, software, peripherals and application development, and telecommunication systems. Evaluate existing IT needs of all departments; propose recommendations to maintain and improve the quality of service; plan, coordinate, and implement improvements in service.

**OCTOBER 2012 – AUGUST 2019**

**SENIOR WEB DEVELOPER, XIX EXOTIC ALLOYS/NS WHEELS**

Maintained existing applications and designed and delivered new applications. Built, tested and deployed scalable, highly available and modular software products. Streamlined deployment process by developing continuous integration tools. Strategic web-application development for manufacturer, wholesale customers and retail customers. Managed the entire product marketing cycle.

**FEBRUARY 2012 – JULY 2019**

**CHIEF TECHNOLOGY OFFICER, FIRST CHOICE WHEELS AND TIRES**

Served as CTO of First Choice Wheels and Tires from 2012 to 2019. Set a vision for how technology was used in the company. Ensured that the technological resources met the company's short and long-term needs. Created timelines for the development and deployment of all technological services. Made executive decisions on behalf of the company's technological requirements. Maintained a consumer-focused outlook and aided in the delivering of IT projects to market. Managed technology budgets and time frames. Stayed on top of technology trends and developments. Ensured all technology practices adhered to regulatory standards.

**APRIL 2016 – JANUARY 2019**

**SEO CONSULTANT, HOSTILE WHEELS/MKW/RSR**

Kept SEO budget on track. Worked with a team of developers, breaking down each project into daily tasks, to optimize the on-page Search Engine Optimization. Researched company and competitor keywords prioritizing the targeting strategy. Managed the content creation team. Diagnosed technical SEO issues. Created SEO website audits. Provided SEO recommendations and strategies based on specific goals. Understood key SEO targeting strategies for individual

business (SEO for manufacturing). Created plans with content creators and social media team for off-site organic SEO rankings. Explained the advantages and benefits of organic SEO providing alternatives to PPC. Responsible for leading monthly SEO meetings, client presentations, work reviews, progress updates and proof demonstrations. Communicated complex concepts on client's knowledge level.

#### **JANUARY 2015 – MAY 2018**

##### **SENIOR WEB DEVELOPER, CONCENTRATED SOFTWARE SOLUTIONS**

Managed all stages of website creation for clientele, from initial design and architecture to development, deployment, and management of websites. Designed and developed web applications and user interfaces for various clients. Prioritized and fixed site-related design problems and took the initiative to implement new features based on feedback from users. Developed original e-commerce web applications, encompassing design, coding, testing, and maintenance.

#### **JANUARY 2011 – DECEMBER 2011**

##### **SENIOR WEB APPLICATION DEVELOPER, THINK REEL GREEN**

Created the entire web-based system for this finance company. Designed, developed, documented, refined and maintained web applications. Performed software coding and unit testing. Created interconnected web-apps that allowed for different tiers of users internationally to connect and review/modify certain data; these involved the employees, banks, renewable-energy manufacturers, renewable-energy installers and the end users all having the ability to log on and review critical information pertaining to them. Accomplished these tasks under strict deadlines. Collaborated with teams in USA, Germany and other countries to achieve the necessary goals.

## **EDUCATION**

#### **JULY 2019**

##### **B.S. IN COMPUTER SCIENCE, MINOR IN BIOLOGY, GEORGIA STATE UNIVERSITY**

Undergraduate Research, President of Computer Science Club, Undergraduate Teaching Assistant

## **SKILLS**

- Object Oriented PHP
- PHP CodeIgniter Framework
- PHP Laravel Framework
- Automation
- Research
- Java, Python, C, JavaScript, Bash programming experience
- Proven SEO expertise: on-and-off-page SEO optimization
- MVC Design Pattern
- MySQL Database
- React, HTML, CSS, LESS, SCSS, Bootstrap, JSON, XML
- Custom E-Commerce Development
- Responsive Applications
- Android Mobile App Development
- Embedded Systems Programming (Raspberry Pi and Arduino)
- Web Application Security Testing
- Technical Documentation Writing

## RESEARCH

### **IMPROVING THE QUANTUM TIME DYNAMICALLY IN THE ROUND ROBIN SCHEDULING ALGORITHM**

Full Paper: <http://doi.org/10.5281/zenodo.3362458>

Test Code: <https://github.com/dinocajic/round-robin-dynamic-quantum>

### **MOBILE OPERATING SYSTEM VERIFICATION LAYER FOR PREVENTING SPOOFED MOBILE APPLICATION INSTALLATION**

Full Paper: <http://doi.org/10.5281/zenodo.3362449>