

# MARK STENERSEN

mark@host1stop.com  
(509) 720-7084

Software Engineer

## TECHNICAL

PHP	Python	Software Design & Testing
MySQL	Linux	E-Commerce Solutions
XHTML	Apache	Web Application Development
CSS	C/C++	Website Performance Optimization
Javascript	Java	Search Engine Optimization

## EXPERIENCE

### Host-1-Stop, LLC

2006-Current

Website Developer / Business Owner

Manage my own website development and consulting company. Specialize in website performance optimization, Rackspace web hosting, and search engine optimization. Developed a custom website framework to rapidly deploy new sites. Communicate with clients to refine design plans, process billing, and respond promptly to all questions and technical support issues.

- PHP, MySQL, Python, XHTML, CSS, and Javascript
- Database Design / Management / Backup
- E-Commerce Solutions / Content Management Systems
- Web Application Development / Web Service Integration
- Website Performance Optimization / Search Engine Optimization
- Developed Linux/Python tools to create website snapshots, backup databases, monitor PHP logs and payment gateway response logs, and batch optimize and upload website files

### Gradcart, LLC

2006-Current

SaaS Developer / Business Owner

Manage my own SaaS (Software as a Service) company. Created and currently maintain a highly customized shopping cart web service used to sell high school graduation products. Specialize in maximizing online sales and streamlining product and order management. Communicate with clients to discuss setup options and custom development, process billing, and respond promptly to all questions and technical support issues.

- PHP, MySQL, Python, XHTML, CSS, Javascript, TinyMCE, and jQuery
- PayPal Payment Gateway Integration / Authorize.Net Payment Gateway Integration
- Developed Linux/Python tools to monitor sales, create website snapshots, backup databases, monitor PHP logs and payment gateway response logs, and batch optimize and upload website files

## Varolii Communications

2005-2006

### Software Developer

Created automated alerts (phone calls, email, SMS, etc.) for Fortune 500 companies. Worked with sales engineers, software developers, and customers to deliver a final project.

- UNIX, VI, SQL, and CVS
- Developed Bash shell scripts to reduce production time
- Project Management

## Pacific Northwest National Labs

2004

### Software Engineering Senior Design Project

Developed software for the Environmental Protection Agency to classify URLs. This was accomplished by first extracting HTML from each requested URL. Then, the text was processed, analyzed, and saved into a database as a RSS document. Worked with three classmates and one representative from the Environmental Protection Agency.

- HTTP Client Development
- Advanced Text Processing & RSS Creation
- Project source code in Java

## Cyan Worlds, Inc.

2002-2003

### Senior Real-Time Character Artist

Responsible for the character customization level for an online game, URU, which gave me the opportunity to work closely with software developers and 3D graphic artists. Started working at Cyan as an intern for the summer and was offered a full time senior position the following fall. After the completion of URU, I returned to Washington State University to complete my computer science degree.

- Realistic character modeling with extensive use of 3ds Max and Adobe Photoshop
- Construction of enhanced animation rigs, e.g., building skeletons, skinning of models with the "Skin" modifier in 3ds Max
- Developed custom 3ds Max macroscripts to reduce tedious work
- Optimized the production pipeline with finished documentation

## EDUCATION

Washington State University  
B.A., Computer Science — Graduated Cum Laude  
2004 Meek, Markley, McPhail Scholarship  
Computer Science Departmental Award — Outstanding Senior

## REFERENCES

Patricia Arnold  
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