

Aaron Michael Rosenfeld

CONTACT INFORMATION

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COMPUTER SKILLS

Web Development

- Industry experience in PHP, HTML, CSS, JavaScript, and Ajax
- Database design using SQL in MySQL and MSSQL environments
- Experience in Linux and Windows production environments

Programming

- Extensive experience programming in C# and Java
- Knowledge of C, C++, Python, and Bash scripting
- Data structures and algorithms
- Object-oriented design patterns
- Software testing and validation

EDUCATION

Drexel University, Philadelphia, Pennsylvania

September, 2006 – June, 2011

Bachelor of Science, Computer Science

EXPERIENCE

phillyBurbs.com, Tullytown, Pennsylvania

Web Developer Intern

April, 2008 – Present

- Created many extensions to the PHP-based Typo3 framework to suit the needs of PhillyBurbs. This included developing solutions for mass-mailings, contests, a simplified article submission interface, and RSS readers.
- Utilized Subversion (SVN) version-control software.
- Setup a new development server with the Linux operating system, Apache web server, MySQL, and PHP (LAMP architecture).

Logique Media, Newark, Delaware

Owner, Developer

June, 2007 – April, 2008

- Started company with one partner to provide media design and web development services to local businesses.
- Specialized in the use of PHP and MySQL to develop large-scale, database driven websites.
- Listened to vague goals from clients, developed systems to meet those needs, and implemented scripts to address them.
- Formulated brands for companies and specific marketing campaigns.
- Designed collateral such as brochures and business cards to maintain a consistent image through all mediums.

PFPC Worldwide, Inc., Wilmington, DE

Information Technology Support

Summer, 2006

- Responsible for receiving and processing computer-related support ticket requests.
- Installed and setup Windows, Lotus Notes, and other company software on new-hire computers.
- Responded to urgent support tickets in a timely manner.

RELEVANT COURSEWORK

Computer Science

Software Design Patterns, System Architecture, Advanced Programming Techniques, Mathematical Foundations of Computer Science, Data Structures and Algorithms, Electrical and Computer Engineering

Mathematics

Differential and Integral Calculus, Differential Equations, Sequences and Series, Discrete

Physics

Elementary Kinetics and Dynamics, Electricity and Magnetism

HONORS AND AWARDS	Lifetime Member of The National Society of Collegiate Scholars	2008
	Honors for Excellence in Science	2007
	Honors for Excellence in Mathematics	2007
	Advanced Placement Scholar Award	2006
	Technology Student Association Participation Award	2003
ACTIVITIES	<ul style="list-style-type: none"> • Created physics simulation applications in C# to model orbital dynamics and Electromagnetic phenomena. • Designed and implemented a system that allows authorized users to remotely control web servers with SMS messages (text-messages). • Proposed, developed, and maintained high-school website along with one other student. • Participated in Technology Student Association's yearly national conference in Orlando, FL. • Was an active member of the Cub Scouts and Boy Scouts of America for over eight years. 	
PUBLICATIONS	<p>Messaging the Web: Implementing an SMS System in PHP php architect September, 2008 - Volume 7, Issue 9 http://www.phparch.com/c/magazine/issue/82</p>	