CHRISTIAN CHARUKIEWICZ

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121 S. Prairie Ave ◇ Bloomingdale, Illinois 60108

EDUCATION

University of Illinois, Urbana-Champaign — Dec 2014
B.Sc. Mathematics & Computer Science, Philosophy (Double Major) — (*Expected Graduation*)

EXPERIENCE

Roompact — May 2014 - Aug 2014
Software Developer Intern

- Built application features with CakePHP, MySQL backend and HTML5, JQuery, AJAX frontend
- Configured and maintained Linux servers; automated server tasks through BASH and cronjobs
- Implemented defensive design in application code, database configuration, and server behavior
- Built distributed process notification system with queue server and worker processes
- Created live information data feed using long polling
- Performed load testing on the application and server; identified performance bottlenecks
- Developed and implemented data mining algorithms to collect user data for subsequent analysis
- Researched and developed methods of user incentivization; presented findings to management staff

Illini Emergency Medical Services — Sept 2012 - May 2014
EMT-Basic (Volunteer Position)

- Worked with and led teams of EMS providers at designated events
- Provided pre-hospital basic life support to patients
- Coordinated with other agencies (Police, Fire, EMS) to ensure coverage of large events
- Licensure: NREMT - EMT, IDPH - EMT-Basic, AHA - CPR

Next Generation Gaming, LLC — Oct 2012 - Nov 2013
Director of Community Experience

- Leader and product manager of software development staff, software testing staff, and product sales staff at startup gaming company
- Planned and assigned projects, held development meetings, wrote technical specifications, analyzed user data and trends, determined project costs, analyzed sales, developed marketing strategies, developed new software features and digital sales opportunities
- Implemented a system which streamlined planning, development, testing, release, and public feedback of multiple simultaneous projects and software updates
- Designed and implemented a system which automated and expanded all product sales; removed sales overhead costs and released multiple new categories of products which increased average monthly revenue of the company by 35%
- Worked with the PAWN language, MySQL, and PHP

TECHNICAL SKILLS & LANGUAGES

Programming Languages	Python, PHP, Javascript, BASH, C++, Java, Ocaml, PAWN
Networking & Security Tools	Metasploit, Aircrack-ng, Burp Suite, Wireshark
Databases & Statistical Tools	MySQL, Microsoft Excel, Numpy/Scipy/Matplotlib (Python)
Tools & Software	SVN, git, SSH, (S)FTP, vim, dstat, grep, supervisord, cron
Spoken Languages	English (native proficiency), Polish (bilingual proficiency)