

CHRISTIAN CHARUKIEWICZ

630.464.7644 | c.charukiewicz@gmail.com | <https://charukiewi.cz>

EDUCATION

University of Illinois, Urbana-Champaign

DEC 2014

B.Sc. Mathematics & Computer Science, Philosophy (Double Major)

EXPERIENCE

Roompact

JAN 2015 - PRESENT

Software Engineer

- Designed, built, tested, deployed, and maintained sophisticated application features using various web technologies
- Examples include a **websocket based news feed** for real-time communication, a **statistics system** for usage analysis, a **worker/queue system** for mass email/text messages, a **caching system** for dynamic data, a **single sign-on system** for external authentication servers, a **RESTful API** for third party integration
- Managed over half a dozen virtual Linux servers, configured firewalls, implemented backup processes, etc.
- Technologies used included Linux, CakePHP, Node.js, MySQL, Redis, JavaScript, jQuery, AJAX, Websockets, HTML5, CSS3, Supervisor

Roompact

MAY 2014 - AUG 2014

Software Development 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
- Built distributed process notification system with queue server and worker processes
- Developed and implemented data mining algorithms to collect user data for subsequent analysis

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

Next Generation Gaming, LLC

OCT 2012 - NOV 2013

Director of Community Experience

- Managed development team consisting of multiple developers working on developing features for small game server with over **8,000 players** a month
- Designed and implemented a system which automated and expanded all product sales; removed sales overhead costs and released multiple new varieties of digital products which increased average monthly revenue from approximately **\$9,000** to **\$15,000** a month
- Worked with the PAWN language, MySQL, and PHP

TECHNICAL SKILLS & LANGUAGES

Programming Languages

Python, PHP, Javascript, BASH, C++, Java, Ocaml, Haskell

Operating Systems

Linux, Windows, OSX, Android, ChromeOS

Databases & Statistical Tools

MySQL, Microsoft Excel, Numpy/Scipy/Matplotlib (Python)

Tools & Software

git, svn, ssh, s/ftp, vim, dstat, grep, supervisord, cron

Spoken Languages

English (native proficiency), Polish (bilingual proficiency)