Mark A Emmons

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Education

University of Illinois at Chicago, Chicago, Illinois   Aug 2012–Dec 2015
- Bachelor of Science in Computer Science—December 2015
  · Minor in Bioengineering and a focus in Mathematics.
- Selected coursework includes Linear and Abstract Algebra, Codes & Cryptography, Secure Computer Systems, Computer Networking, and Artificial Intelligence.

Affiliations

UIC Bioengineering Student Journal — Editorial Board Member
- Chief Editor from Fall 2014 to Spring 2015.
- Author of *Advances in DNA Computing and Molecular Programming*.

President's Award Program Scholar

Selected Projects

Arch Linux Installation Script
- Automated OS installation and development environment setup in Bash.

ISOMaster
- Simplified creation of customized Arch Linux installation ISOs utilizing Docker.

Sudoku Solver
- Dancing Links implementation in Java for solving Sudoku puzzles using Algorithm X.

Work Experience

Randstad USA, Chicago, Illinois   Sep 2017 – Present

Account and Reference Data Analyst – Contractor placed at JPMorgan & Chase
- Built profiles and transmissions for Receivable Operations while communicating with project managers, connectivity analysts, and technology partners to meet client needs and deliver a finished project in a cost and time efficient manner.
- Worked on early Enhanced Health Care projects and assisted in the creation of a comprehensive documentation for the team to use when implementing projects.
- Improved features of the Receivable Operations project tracking database.

Hahn's Bakery, Geneva, Illinois   Jun 2011 – Jan 2017

Sales Manager
- Responsible for delivering product to off-site market locations in Northern Illinois, increasing sales by 75% while securing lasting customer relationships.
- Simultaneously maintained a sanitary and orderly workstation while keeping up with an accelerated sales pace and maintaining an accurate account of inventory and profit.

University of Illinois at Chicago, Chicago, Illinois   Sep 2012 – Dec 2015

Student Employee

Self Employed   Nov 2013 – Feb 2015

Freelance Web Developer

Skills

Languages
- C/C++, Bash, Java, JavaScript (Node.js), Python, PostgreSQL, JSON, LaTeX, HTML5, CSS.

Tools
- Git/Github, Docker, Express, React, Redux, Webpack, Babel, SASS, Virtual Box, Postman.