

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

Linear Algebra, Abstract Algebra, Atomic and Molecular Nanotechnology, Introduction to Bioinformatics w/ Lab, Operating Systems, Artificial Intelligence, Computer Networking, Secure Operating System Design, Secure Computer Systems, Codes and Cryptography.

Selected Projects

Arch Linux Installation Script

- Automated installation and development environment setup in Bash.

ISOMaster

- Automated creation of Arch Linux installation ISOs utilizing Docker.

Sudoku Solver

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

Awards & Activities

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

Work Experience

Randstad, Chicago, Illinois

Sep 2017 – Present

Account and Reference Data Analyst – Contractor placed at JPMorgan & Chase

- Built profiles and transmissions for Receivable Operations and provided support to ensure the delivered product met the expectations of the client.
- Communicated with project managers, connectivity analysts, and technology partners to meet client needs and delivered a finished project in a timely 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.
- Assisted the Public Sector team with form testing for the state of Michigan taxes.
- Assisted in the maintenance 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 and managing booths at said markets.
- Increased sales by 75% while securing lasting customer relationships in the Northern Suburban markets.
- 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

- Balanced a 30-40 hour work week with full time engineering courses while commuting from

the suburbs.

Freelance Web Developer

Nov 2013 – Feb 2015

Skills

Languages

- C/C++, Java, Bash, Javascript (Node.js,) Python, PostgreSQL, JSON, L^AT_EX, HTML5, CSS.

Tools

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