

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

JPMorgan Chase, Chicago, Illinois

Sep 2017 – Present

Account and Reference Data Analyst

- Built profiles and transmissions for Receivables 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.
- SME for Enhanced Healthcare. Created thorough documentation for SOPs, participated in knowledge sharing calls, and assisted management on escalated production issues.
- Oversaw the migration of over six hundred email and fax transmissions. Provided training for new hires and contractors in addition to automating the creation of daily reports to ensure a successful cutover was achieved on schedule.
- Supported and enhanced the Receivables Operations project tracking database. Implemented additional features to improve efficiency for users while identifying and correcting bugs.

Hahn's Bakery, Geneva, Illinois

Jun 2011 – Jan 2017

Sales Manager

University of Illinois at Chicago, Chicago, Illinois

Sep 2012 – Dec 2015

Student Employee

Self Employed

Nov 2013 – Feb 2015

Freelance Web Developer

Skills

Languages

- Powershell, C#, C/C++, Bash, Java, JavaScript/Node.js, Python, SQL(MS/Postgres), L^AT_EX.

Tools

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