

# Usman Hussain

Romeville, IL

[usmanhussain.page](#) | (815) 582 - 9256 | [hussainusman@protonmail.com](mailto:hussainusman@protonmail.com)

## EDUCATION

### Northern Illinois University

#### Master of Science in Computer Science

Master's degree in Computer Science with emphasis in High Performance Computing, and Data Analytics.

*Dekalb, IL  
August '17 – May '20*

**Relevant Coursework:** Artificial Intelligence, Information Storage and Retrieval, Systems Analysis & Design, Object-Oriented Programming, Database Design, Relation Database Concepts, iOS Mobile Programming, Java Development, Perl Development.

### University of Illinois at Urbana-Champaign

#### Bachelor of Science in Accounting

Selected to be part of the exclusive Beta Alpha Psi Business Honors Society based on academic achievements.

*Urbana-Champaign  
August '12 – May '15*

## SKILLS

**Technical:** Python, Apache Spark, Machine Learning, ETL, Hive, Java, Swift, SQL, HTML5, CSS, PHP, Tableau, Power BI, Linux, Excel.

**Qualifications:** CPA Eligible

## EXPERIENCE

### Community Tax – Finance Pal

#### Data Scientist

- Managed Product Launch of Finance Pal's B2C mobile application, from conception to market.
- Created emergency SMS system during Corona Virus pandemic, utilizing Python Flask and Plivo API.
- Implemented predictive algorithms and functions to create proprietary leads scoring model.
- Built and maintained several ETL pipelines, utilizing a combination of Python, Batch processing, Apache Spark, Data Bricks, and Linux Cronjob.
- Implemented and maintained Twilio based call in queue application for automated dialing programming, to reduce call center wait time.
- Built and maintained data warehouse to store transformed and validated data.
- Built data models upon IRS and CRM data to identify market and consumer trends.
- Wrangled and Scrubbed data through SQL and Python, to produce clean accurate data utilized in various projects.
- Managed and implemented data-mapping hierarchy during migration to new CRM.
- Cleansed data and built business rules to ensure proper trigger functions within the newly implemented CRM
- Created Ad-hoc console programs to quickly report current measure of daily KPI's
- Developed reports through excel and SQL to collect and maintain Key Performance Indicators (KPI's).

*Chicago, IL  
March '19 - Current*

### Dover Corporation

#### Financial Systems Analyst

- Performed daily operations such as user security, symbol updates, period rollovers; within Longview and Cadency.
- Maintained database integrity through data validations via excel, and environment maintenance testing.
- Implemented Process improvements in Longview & Cadency environments via requirements gathering and elimination of waste.
- Managed Longview for Excel based Budget and Forecasting Templates alongside Corporate FP&A.
- Provided user technical support across global organization as needed.
- Provided periodic training to new, and or, intermediate users as needed.
- Maintained documentation of system processes, reports and system functionality.
- Managed Cadency rollout processes across newly acquired companies.
- Developed training materials for Cadency rollout initialization across global organization.

*Lombard, IL  
November '16 – August '17*

### C&A Financial

#### Financial Reporting Specialist

- Collaborated with a team of accounting professionals to meet client needs ranging from general accounting activities to project consulting.
- Collaborated in developing strategic plans and internal controls by creating scheduling confirmation procedures and allocating specialist by need.
- Created donation tracking system for our Non-profit clients by introducing reference numbers to reoccurring donors.

*Chicago, IL  
August '15 – September '16*

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

### Community Tax – Finance Pal

#### Data Engineering | Project Lead

- Selected to lead team of data science interns from project conception to final product.
- Trained interns from orientation through completion of invoice analysis project.
- Maintained oversight of interns and delegated workload throughout duration of internship.

*Chicago, IL  
March '19 - Current*

### Dover Corporation

#### Financial Systems Trainer | Global organization training project.

- Selected to oversee organization wide training initiative, from conception to implementation.
- Lead training for all employees of recent acquisitions and provide system access after determination of sufficient knowledge.

*Lombard, IL  
March '16 – August '17*

### Beta Alpha Psi

#### Project Manager | Executive Cabinet

- Lead ad-hoc projects for board members, such as fund raising, and technology driven recruitment initiatives.
- Provided technical support and advisement to technology officer while maintaining organization website.

*Urbana-Champaign  
August '13 – May '14*