

# Usman Hussain

Romeville, IL

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## EDUCATION

### Northern Illinois University

#### Master of Science in Computer Science

*Dekalb, IL*

*Graduation: May 2020*

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

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

### University of Illinois at Urbana-Champaign

#### Bachelor of Science in Accounting

*Urbana-Champaign*

*August '12 – May '15*

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

## SKILLS

**Technical:** Python, C++, Java, Perl, Swift, SQL, HTML5, CSS, PHP, Tableau, Power BI, Linux, Excel, Word, PowerPoint, Access.

**Qualifications:** CPA Eligible

## EXPERIENCE

### Community Tax – Finance Pal

*Chicago, IL*

#### Data Scientist

*March '19 - Current*

- Managed Product Launch of Finance Pal's B2C mobile application, from conception to market.
- Implement predictive algorithms and functions to create proprietary leads scoring model.
- Built and maintained several ETL pipelines, utilizing python, batch processing and Linux cronjobs.
- 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.
- Assessed 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).

### Dover Corporation

*Lombard, IL*

#### Financial Systems Analyst

*November '16 – August '17*

- 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.

### C&A Financial

*Chicago, IL*

#### Financial Reporting Specialist

*August '15 – September '16*

- 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.

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

### Community Tax – Finance Pal

*Chicago, IL*

#### Data Engineering / Project Lead

*March '19 - Current*

- 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.

### Dover Corporation

*Lombard, IL*

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

*March '16 – August '17*

- 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.

### Beta Alpha Psi

*Urbana-Champaign*

#### Project Manager / Executive Cabinet

*August '13 – May '14*

- 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.