Yuval Schaal

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EDUCATION

Columbia University   New York, NY
M.S. in Computer Engineering   Aug 2017 – Dec 2018
Courses included Microservices, Cloud Applications

University of Louisville   Louisville, KY
B.S. in Computer Engineering and Computer Science   Aug 2013 – May 2017
GPA: 3.9 /4.0; Courses included Data Structures, Algorithms, Operating Systems, Information Security
Positions: Algorithms Student Interest Group, Leader (Sep 2016 – May 2017)
                  Association for Computing Machinery (ACM), Secretary (May 2015 – May 2017)

PROFESSIONAL EXPERIENCE

CBS Interactive   Louisville, KY
Software Engineering Intern   Jun 2017 – Aug 2017
- Developed 2 backwards compatible Symphony bundles with PHP to improve the AB Testing process
- Configured, created, and improved 5 backend features for developers as well as aesthetic qualities for managers
- Used Jira for assigned tasks and their progress; Deployed using Bamboo

SuperFan   Louisville, KY
Data Analytics Intern   Jan 2017 – May 2017
- Analyzed datasets of over 100,000 records using MySQL and Tableau
- Created reports for over 20 clients to investigate user activities and lifecycle
- Discovered and categorized users for individualized notifications to increase user activity and engagement

Humana   Louisville, KY
Database Administration (DBA) Intern   Jun 2016 – Aug 2016
- Parsed through hundreds of thousands of unstructured SQL queries using Python in Hadoop
- Analyzed metadata found using Tableau and presented findings to the DBA team and supervisors
- Documented architecture of system produced for future automation of discovery

PROJECTS & LEADERSHIP

Entrepreneurship and Innovation Club   Aug 2016 - May 2017
Co-Founder, VP
- Developed weekly pop-up classes for students to gain pitching and design thinking skills using their own ideas
- Hosted mini pitch competitions where participants received awards from events sponsors
- Created a curriculum for over 20 students to become agents of change at the University of Louisville

ACHIEVEMENTS

- Computer Engineering and Computer Science Outstanding Undergraduate Award (2016)
- University Innovation Fellow, Stanford University (2016)
- University of Louisville Honors Student (Fall 2013 - Spring 2017)
- Dean's Scholar (Spring 2014, Summer 2014, Fall 2016, Spring 2016, Fall 2017)

SKILLS

- **Frameworks:** HDFS \ NodeJS \ Express \ Flask \ Django \ Bootstrap \ Heroku \ Symphony \ Laravel
- **Languages:** Java \ Python \ C++ \ SQL \ JavaScript \ HTML \ CSS \ PHP
- **Databases & Reporting Tools:** Oracle \ MySQL \ SQL Server \ Netezza \ Tableau \ QlikView \ Splunk \ Neo4J
- **Experience With:** Github \ PuTTy \ VirtualBox \ VMWare \ Visual Studio \ IntelliJ IDEA \ Eclipse \ PhpStorm