

Mustafa Shikora

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Education

- **University of Illinois at Urbana-Champaign**
Bachelor of Science in Mathematics
Minor in Computer Science
Expected Graduation: May 2017
Classes: Intro to Programming, Data Structures, Computer Architecture, Linear Algebra, Numerical Analysis, Discrete Structures, Abstract Algebra, Combinatorics

Skills

- **Java**
Applied knowledge in java with creating a tool that converted PDF's of data entries into more manipulative CSV's for CME Group.
- **C++**
Collegiate level practice, both application and theory. Used discrete structures with object oriented programming in a semester of class.
- **SQL**
Managed databases at Calamos Investments on a project to move and modify key client account data in an old database to a more flexible data environment.
- **HTML**
Created mustafashikora.com, apo-aa.org, getssinc.com, and helped design parts of client relationship management websites at Calamos.
- **C#/.NET/MVC**
Worked hands on with web-apps created with C# and .NET framework to modify, debug, and innovate new methods for client relation. Learned Model-View-Controller method of programming.

Work Experience

- **Student Intern at Chicago Mercantile Exchange Group (CME Group Inc)**
July 2014 – August 2014
Created a program that read, analyzed and compared PDF's to check equality and return differences between the documents.
Learned Maven Apache and repositories.
Studied about futures, options, and commodities trading.
- **Application Development Intern at Calamos Investements**
Worked on a project to transport an old, inefficient, layout of databases and web apps to a method that helps the Client Relationship Management team keep better track of all the client accounts. Using C#, .NET, and SQL, the transition was smoother.

Volunteerism

- **Technology Chair in Alpha Phi Omega**
May 2015 – Present
Programmed and re-designed apo-aa.org. The website was inefficient and cluttered, so using Squarespace, HTML, CSS, and Javascript I revamped the website to compress all the information in a more accessible way for all the users.

Awards and Leadership

- Pledge Training Assistant in APO
- Pledge Class President of Alpha Phi Omega
- Technology Chair in Alpha Phi Omega
- 2012 & 2013 AP Scholar
- Project Coordinator for Books to Prisoners