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

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. I also created a Configuration Management Database (CMDB) which kept track of all the resources (databases, servers, etc) that pertained to each application, allowing for no damage to other apps when manipulating certain aspects of each item.

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

- Dynasty Head in Alpha Phi Omega
- Pledge Class President of Alpha Phi Omega
- 2012 & 2013 AP Scholar
- Treasurer of Metea Valley Science Olympiad Team