

Mustafa Shikora

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Education

University of Illinois Urbana-Champaign – Applied Mathematics, Minor in Computer Science

- Current Class Standing: Senior
- Graduation Date: December 2016
- Computer Science Classes: CS 233 Computer Architecture, CS 225 Data Structures, CS 418 Interactive Computer Graphics, CS 450 Numerical Analysis, CS 440 Artificial Intelligence, CS 413 Intro to Combinatorics
- Mathematics Classes: MATH 461 Probability Theory, MATH 441 Differential Equations, MATH 416 Abstract Linear Algebra, MATH 446 Complex Variables, MATH 347 Fundamental Mathematics

Experience

Internships

CME Group – Chicago, IL

May – Present

- **Software Engineer on Project UNO (Summer 2016)**
 - Designed dynamic webpages using AngularJS, jQuery, HTML5, etc. with support from JRebel in IntelliJ
 - Developed backend calls in Java to efficiently display data in such webpages
 - Won 1st Place in the CME Group CodeUP with Project Jaguar: a chatbot to automate easy to answer questions for CME Customer Service
- **Student IT Intern on the CARDS Team (Summer 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

Calamos Investments – Naperville, Illinois

May – August 2015

- Collaborated on a project to transport an inefficient layout of databases and web apps
- Designed a new method that helps the Client Relationship Management team keep better track of all the client accounts

Project Experience

HackIllinois

February 2016

- Developed an iOS app during the University of Illinois Hackathon with other computer science majors
- Responsible for website that helps doctors enter patient information, managing FireBase backend, and link to website and iOS app.
- 2nd place winner for Intelligent Medical Object's Best Use of IMO API for big data and/or Healthcare Software Innovation

Project Jaguar (CME Group CodeUp)

July 2016

- Pioneered a configurable chat-bot to answer easy questions for CME Customer Support, cutting man-hours spent on repeat questions
- 1st place winner for CME Group CodeUp

Leadership/Honors: University of Illinois

- Vice President of Service Internal - Alpha Phi Omega Service Fraternity
- Kinetic Leadership Award – Alpha Phi Omega Service Fraternity

May 2016 – Present
February 2014 – Present

Skills

- Java; Python; HTML; JavaScript; AngularJS; C++; SQL; Interface design; Project Management