

Mustafa Shikora

505 E Healey St, Champaign IL, 61820 • 630-596-7930 • shikora2@illinois.edu • mustafashikora.com • github.com/mshik3

Summary

Senior at the University of Illinois at Urbana Champaign with a strong foundation in software engineering and programming principles across multiple platforms. Pursuing excellence in full-stack engineering and experience in vast, complex systems.

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
- **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

Projects

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

Skills

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