

# Munad Mahinoor

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## Objective

To find employment as a software developer for a company passionate about innovation in their industry

## Education

- **Lehigh University** Bethlehem, PA
  - *Bachelor of Science in Computer Science and Business; CGPA: 3.49* *May 2016 (expected)*
    - Relevant Courses: Software Development & Object Oriented Programming in C++ and Java, Design and Analysis of Algorithms, SQL Database Systems and Applications, Functional Programming in Scheme, Large scale software development, Web applications in MEAN and LAMP stack
    - **Current Courses:** Senior Capstone Project, Operating System Design, Public Speaking, Programming in Scala

## Skills and Interests

**Technical Skills:** C,C++,C#, Java, SQL, MongoDB, Express (EJS), HTML5/CSS, Node, Javascript, PHP, Python, Popular MVC frameworks [SpringMVC, Meteor, CakePHP], Cassandra(learning)

**Interests:** Web Applications, Database Design and Implementation, Event Planning, Community Development, Leadership Opportunities, Soccer, Travelling, Disc Jockeying

## Work Experience

- **JPMorgan Chase & Co** New York, NY
  - *Software Development Intern* *Jun. 2015 – Aug. 2015*
    - Contributed as an Full Stack Application Developer for a team that provides web-based solutions for asset management, financial analysis and financial instrument implementation. I worked closely with Portfolio Managers to improve their online trading platform
    - Integrated skills ranging from Front-end Design [Spring MVC, Java JSP], Middle-ware Automation [Control-M, shell scripting] to Database Design and Integration[Sybase SQL & JDBC].
    - Lead Developer on a project that that simplified client information management. Adapted to latest technologies from third party vendors to build RESTful interfaces that synchronize large scale databases across the business. This reduced their access and notification time by 40%
- **iDTech Programming Academy** Princeton, NJ
  - *Programming Instructor - Princeton University* *Jun. 2014 – Aug. 2014*
    - Instructed over 30 teenagers in an Intro to Programming course on Java, C++, Python and HTML/CSS
    - Wrote a chrome extension that allowed students to submit homework rapidly over their on-line editor
- **Lehigh University** Bethlehem, PA
  - *Tutor & Teaching Assistant* *Aug. 2013 – Present*
    - Serve as Linear Method Tutor for the University Tutoring program
    - Appointed as TA for the Database System and Administration course. Tasked with grading and providing knowledge about effective database design to over 40 students

## Leadership Experience and Community Engagement

- **University Productions**
  - *Vice President and Treasurer* *Aug. 2013 – Present*
    - Managed large student events by acting as a direct liaison with artists and agents prior to and during the event
    - Restructured a budget of over \$250,000 across six lines of operations providing weekly programs for student body
- **Computer Securities Club**
  - *Co-founder and Treasurer* *Aug. 2013 – Present*
    - Created organization to develop a constructive culture in the field of computer security
    - Aided in workshops that gave participants a strong knowledge base to get started on projects

## Major Projects

**DaVinci iBeacon App:** Currently working with DaVinci Science Museum to build a content delivery platform that uses iBeacons to increase user interaction with exhibits

**Fund-raising Platform:** Designed a kick-starteresque fund-raising platform for the Michael J Fox Foundation. Our solution won the JP Morgan Code for Good and resulted in an offer from the firm

**PennApps XII:** Implemented a twitter bot that uses markov chains to create parody twitter accounts. On display at Github[munadm] and online [houseofbots.co]