SHIVAM GUPTA

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EDUCATION
University Of Illinois at Urbana Champaign   May 2016
Bachelor of Science in Computer Science
College of Engineering

Relevant coursework:

Data Structures (C++)	Programming Studio	Theory of Computation
Computer Architecture	Discrete Structures	CS Honors Projects (JAVA/Android)
Systems Programming (C)	Database Systems	Economics courses

INDUSTRIAL EXPERIENCE
A215, Inc.   Urbana-Champaign, IL
Project Manager and Chief Financial Officer   August 2013 – Present
- Leading the mobile applications and game development team of 12 people.
- Documented the scope and objectives and defined the functional specification of products based on real world needs
- Working in a scrum team and developing the product as a mobile-application
- Collaborated with the company's Quality Assurance team to code unit tests and document the steps for manual testing

Prawg, Inc.   Urbana-Champaign, IL
Software Development Intern   September 2012 - July 2013
- Made a bluetooth based device capable of controlling various household devices
- Used the Arduino UNO board model to make the base

ACADEMIC EXPERIENCE
Data Structures in C++   December 2013 – Present
Instructor
- Started online lecture series in Hindi for the Indian programmers, first lecture series of its kind
- Writing coding assignments and helping individuals in debugging their assignment code via google hangout

Game Programming   January 2014 – Present
Instructor
- Teaching individuals to code in a professional manner by telling them the importance of code organization
- Emphasizing on Test Driven Development by creating JUnit test cases before coding the actual game
- Using chess game I made in JAVA as an example

PROJECTS
Wii-Droid Android Game   November 2013
- Built the framework to provide an alternative for gaming consoles like Wii by using Android based phones
- The users can view the ball on their browsers, and can swing their phones like a Wii-remote to hit the ball
- Honorable mentioned at the Facebook Hackathon (top 6 finish)

Photo Mosaic   April 2013
- Built a photo mosaic program using k-d trees in C++

Unix Shell   September 2013
- Implemented a simple unix shell interpreter (eg., bash, csh etc.)

LEADERSHIP SKILLS
Illinois Student Senate   Urbana-Champaign, IL
Senator   *May* 2012 – Present
- Representing the College of Engineering
- First international student to hold this position

Cocoanuts iOS Development Group   Urbana-Champaign, IL
Public Relations Manager   *August* 2013 – Present

To know more, please visit shivamgupta.info