

Bhargav Golla

Education

- 2014–Current **Masters in Computer Science**, *Clemson University*, Clemson, GPA:3.33.
Graduation: Dec 2015 (Expected)
Courses taken: Design and Analysis of Algorithms, Data Mining, Human Computer Interaction
- 2009–2013 **Bachelors (with Hons.) in Computer Science & Engineering**, *Birla Institute of Technology & Science*, Pilani, GPA:3.48.
Graduation: May 2013.
Courses: Data Structures and Algorithms, Theory of Computation, Operating Systems, Digital Electronics and Computer Organization, Databases, Computer Networks, Programming Languages and Compiler Construction, Advanced Computer Organization, Multimedia Computing, Computer Projects, Microprocessors Programming

Software skills

- Languages: C, C++, Java, PHP, Python, Go
- Mobile app Frameworks: Android, Windows Phone, Phonegap.
- Web Development: HTML/CSS, JS, MySQL
- Software Frameworks: Apache Flex, Spring, Hibernate.
- Misc.: \LaTeX , Facebook, LinkedIn, Twitter, Google+ and Flickr APIs

Experience

- 2014 Jan – **Student Intern**, *Clemson Computing and Information Technology*, Clemson.
Current Developing an SSL certificate validity checker service to streamline the process of maintaining SSL certificates of all sub-domains at Clemson. Development is primarily on Python, MongoDB and JS framework, Dojo.
- 2013 Jun – **Apps Developer Programmer Analyst 1**, *Citicorp Services India Ltd.*, Pune.
2013 Dec Worked on developing a web portal for Credit Approval, used by credit managers at Citi Bank, using Apache Flex, Java and Java frameworks Spring and Hibernate.
- 2013 May – **Google Summer of Code Intern**, *Apache Software Foundation*.
2013 Sep Chosen for Google Summer of Code 2013 to work on Apache Isis, a domain-driven Java app development framework.
Developed a JavaScript based viewer for Apache Isis, using Phonegap and jQuery Mobile. Details can be found here. Code repo can be found here.

- 2012 Jul – **Developer Intern and Freelancer**, *Exotel Techcom Pvt. Ltd.*, Bangalore.
- 2013 May Selected to work with Exotel, India's fastest growing startup in Cloud Telephony. Architected Exotel Mobile, an Android app for Exotel's customers to use. Provided Exotel's features in a mobile. Used by all sales personnel of Exotel's clientele, over 1000 SMEs. Recruited as Freelancer on the same project (until May 2013) for the remarkable success the app achieved.
- 2012 May – **Intern and Code committer**, *Apache Software Foundation*.
- 2012 Dec Chosen for Google Summer of Code 2012 to work on PhotArk – then Incubating project at ASF aimed at building open source photo gallery applications. Developed PhotArk Mobile's web albums feature that aggregates all photos a user uploaded to social networking sites. Introduced Phonegap framework to PhotArk. Provided regular patches to other features developed by fellow developers. Enlisted as a Code Committer at PhotArk project for the meticulous work done. Details can be found here.
- 2011 May – **Intern**, *L V Prasad Eye Institute*, Hyderabad.
- 2011 Jul Developed an asset tracking web application using Visual Studio 2010 for Front end design in ASP. NET and SQL Server 2008 for backend development.

Academic Projects

- 2013 Jan – **Security services for P2P networks using open source libraries**, *Guided by Dr. Hari Babu*, Dept. of CSIS, BITS-Pilani.
- 2013 Apr Involved in Research and development of security schemes for P2P systems. Used Python and pyCrypto library to implement Shamir's Secret sharing algorithm to model a decentralized authentication scheme for wireless sensors.
- 2012 Jan – **Online Compiler for Off-Campus students**, *Guided by Mr. Virendra Shekhawat*, Dept. of CSIS, BITS-Pilani.
- 2012 Apr Built an online compiler, using PHP-MySQL where Off-campus students of BITS-Pilani could login and compile their codes. Opensourced the same here.

Achievements

- Chosen for Design Innovation Workshop, organized by MIT Media lab, 2011
- Poster Presentation at IBM-ICARE 2011
- Prizes at Cloud Conclave 2011, organized by AWS, and Apogee 2011, at BITS-Pilani

Extra Curricular Activities

- Web master at Clemson Graduate Student Government.
- Coordinator for Computer Science Department at BITS-Pilani.
- Avid quizzer, photographer and painter.