

Idris Hanafi

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OBJECTIVE

Looking for an opportunity as a developer in the field of Big Data or Software Engineering.

EDUCATION

Fall 2016 – Present: M.S. Computer Science, University of Michigan

GPA: 4.0

-Ann Arbor, MI

Status: In Progress

Fall 2010 – May 2015: B.S. Computer Science (Honors), Central Connecticut State Univ.

GPA: 3.41 –Dean's List 5 Semesters + President's List 1 Semester

-New Britain, CT

Completed: Summer 2015

EXPERIENCES

Recent

- Full-Stack Developer for startup company DREAMSQUAD (Chicago) iOS, Android, and Web app.
- Researcher in University of Michigan, Ann Arbor Database Group.
 - Advised under Prof. Barzan Mozafari

Research

- Summer 2016: Research in developing a parallel compressed file decompression algorithm for Hadoop. The research has been published and available at: <https://cirworld.com/index.php/ijct/article/view/1500>
Reference: Idris Hanafi and Amal Abdel-Raouf "P-Codec: Parallel Compressed File Decompression Algorithm for Hadoop" International Journal of Computers & Technology, v. 15, n. 8, p. 6991-6998, May 2016. ISSN 2277-3061.
- Fall 2015: Research in implementing a workload balancer algorithm for Big Data on nodes of a cluster using Hadoop's MapReduce.

Software Development

- Fall 2015: Developed a barcode scanner app (for android phones) for Stores and Companies to use.
- Spring 2015: Developed a lockdown app for Central Connecticut State University (CCSU).
- Spring 2015: Assistant developer for the CCSU News website.
- Spring 2014: Developed a weather app with in a team with colleagues for android phones using Java SDK.
- Spring 2014: Developed an online shopping Bot as a browser extension using JavaScript. (10,000 Downloads)
- Fall 2013: Developed and designed a Web App using HTML, JavaScript, PHP, and MySQL for the Connecticut Hartford Insurance Company.
- Spring 2014: Developed a full web browser 2D game in JavaScript using the Agile Software Development method. The link: <http://www.algosmith.com/game>.

Others

- Summer 2016: Wrote the curriculum for Southern Connecticut State University (SCSU) future Big Data course.
- Fall 2015: Created the Hadoop cluster of 20 nodes at SCSU's for their future Big Data course.
- 2011 – Spring 2015: IT works at CCSU consisting of Sysadmin, Hardware Fix, and Software Managements.

For more projects, visit my website at <http://www.idrishanafi.info> or my GitHub at <https://github.com/idrishanafi/>.

SKILLS

- **Programming Experience:** Hadoop, Spark, EmberJS, Handlebars, Django, C++, C, Java, C#, Swift 3, CSS, HTML, PHP, SQL, NoSQL, JavaScript, NodeJS, Python, AngularJS, and Android Java SDK

AWARDS

- Youngest person to achieve Bachelor Degree in Computer Science (16 Years Old) at CCSU Summer 2015
- Upsilon Pi Epsilon (UPE) Honor Society Spring 2015
- National Science Foundation (NSF) Scholarship/Grant as an Undergraduate