

W. Cannon Matthews III

cannonmatthews@uchicago.edu • 337.962.0644

1005 E. 60th St. #717 • Chicago, IL 60637

Work Experience

Louisiana Immersive Technologies Enterprise, Lafayette, LA *June 2009 - September 2012*

(LITE is a 3-D visualization resource center focused on economic development in Louisiana: <http://lite3d.com>)

- Designed, implemented and maintained a database-backed web application to track employee hours that was used in a production environment. Attained an extensive knowledge of Ruby and the Ruby on Rails framework, and gained experience with relational databases, particularly MySQL.
- Provided Basic Linux Systems Administration and Help Desk Support as well as installation, configuration and management of in-house and third-party software and hardware, including virtualized infrastructure, using mainly Gentoo, Fedora and CentOS Linux.
- Worked individually and as part of a team in software development and content creation workflows. Experience using SCRUM/Agile Development practices in a project release cycle. Developed and released software in a production environment, including bug/issue tracking and unit testing workflows, and writing API and end user documentation.

Relevant Skills

- Basic experience with and understanding of Virtual Machines and hypervisors, particularly with VMWare products.
- Knowledge and experience with various programming languages including C/C++, Java, Haskell, Ruby, Python and JavaScript
- Comfortable with command line interfaces and shell scripting using common *NIX utilities, including sed/awk, cron, make and many others.
- Experience with markup languages including HTML/CSS and L^AT_EX

Education

University of Chicago, Chicago, IL

September 2012 - present

- S.B. in Computer Science and S.B. in Math, expected June 2016
- Classes Include Major introductory Sequences: CMSC 16100,16200: Honors Introduction To Computer Science 1 & 2 and MATH 16100,16200: Honors Calculus 1 & 2
- 3.75 GPA

Lafayette High School, Lafayette, LA

August 2008 - May 2012

- 4.0 GPA in the Gifted Program Curriculum