



Geordy Paul Williams

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ABOUT ME: Software engineering student who values creativity and is passionate about solving meaningful problems.

EDUCATION:

Kansas State University, Manhattan, KS

Bachelor of Engineering in Computer Science: Software Engineering

Anticipated: May 2018

GPA: 3.5

Shawnee Mission East High School, Prairie Village, KS

Graduation Date: May 2013

GPA: +4.0 (weighted)

RELEVANT COURSES:

- **Spring 2014:** Programming Fundamentals (Java)
- **Fall 2014:** Data and Program Structures (C#)
- **Spring 2014:** C/C++ Language Laboratory
- **Fall 2015:** Software Architecture and Design

PROGRAMMING LANGUAGES:

- *Most experienced with **Java** and **C#***
- *Basic understanding of **C/C++**, **HTML** and **CSS***
- *Surface level understanding of **Python** and **JavaScript***

EXPERIENCE:

Department of Computing and Information Sciences, Kansas State University

Undergraduate Researcher, Jan 2015 – Present

- Research title: "Global Sensitivity Analysis of Dam Erosion Models"
- Developing a graphical user interface for dam analysis in C#
- Implementing text editor features such as auto-completion and text formatting
- Creating data visualizations for the analysis output

CodeU Mentorship Program

Participant, Mar 2015 – Aug 2015

- Worked on technical exercises focusing on data structures and algorithms under the guidance of a Google engineer mentor
- Completed Udacity's Developing Android Apps course
- Developed a video game app remotely with 2 other students that gives information on recently released games
- Traveled to Google in Mountain View, CA for technical development and to present our group's app
- <https://github.com/geordyp/CodeU-Project>

Lexmark Enterprise Software (formerly Perceptive Software), Lenexa, KS

R&D Software Engineering Intern, Jun 2015 - Aug 2015

- Developed software which bridged the gap between the front end and back end of our enterprise software
- Created a solution which dynamically enables a consistent user interface across different software products
- Programmed in Java, JavaScript, CSS, and HTML
- Utilized Apache Maven and frameworks including Apache Felix OSGi, Less.js, Handlebars.js, and Node.js
- Created unit and integration tests using JUnit
- Developed in eclipse and utilized GitHub for version control
- Collaborated effectively with our team of interns using Agile development methods

Department of Computing and Information Sciences, Kansas State University

CIS 200 Programming Fundamentals Undergraduate Teaching Assistant, Jan 2015 – May 2015

- Assisted students in their Java labs 3 times a week

Department of Computing and Information Sciences, Kansas State University

CIS 115 Intro to Computer Science Undergraduate Teaching Assistant, Aug 2014 – Dec 2014

- Attended lectures and assisted students with in-class work
- Graded weekly blog and programming assignments
- Held help sessions to assist students with homework assignments

Kansas City Southern Railway, Kansas City, MO

Information Technology Intern, Jun 2014 – Aug 2014

- Met with application and system owners to define IT provided business services for the purpose of measuring availability
- Setup and led meetings with engineers and architects to map out underlying IT components
- Built an availability model based on theoretical data using VBA macros
- Tested the availability model with actual data

Developing Scholars Program, Kansas State University

Undergraduate Researcher, Aug 2013 – May 2014

- Conducted research on recommender systems with a faculty mentor in the computer science department
- Research title: “Using Recommender Systems for Social Network Applications”
- Developed the UI for a collaborative filtering recommender system for movies using Java and Mahout

LEADERSHIP:

Edgerley-Franklin Urban Leadership, Kansas State University

President, Aug 2015 – Present

- Call and facilitate meetings
- Organize work and delegate responsibilities to the other officers
- Represent our organization at university and external functions
- Conduct service projects around the Manhattan community
- Analyze and discuss problems facing urban communities
- Attended a spring break service trip to Kansas City, MO where we volunteered at the local Boys and Girls Club
- Attended a spring break trip to Boston, MA where we picked the brains of various nonprofit organizations serving the city

National Society of Black Engineers, Kansas State University

Webmaster and Historian, Aug 2014 – Present

- Redesigned our chapter’s website (<https://www.k-state.edu/nsbe>)
- Maintain the content on our website
- Take pictures at our events
- Attend and actively participate in executive meetings

Soaring with Eagles, Kansas State University

Scholar, Aug 2013 – May 2014

- Enrolled in a full year leadership development course
- Developed teamwork and communication skills working on various group projects
- Identified my top strength (strategic thinking) and core values (faith, creativity and integrity)

ACTIVITIES:

CoderDojo Kansas City	Mentor	May 2014 – Present
Association for Computing Machinery	Member	Aug 2014 – Present
Multicultural Engineering Program	Member	Aug 2013 – Present

ACCOMPLISHMENTS:

NSBE Outstanding Leadership Team Member Award	Recipient	Apr 2015
K-State Spring Programming Contest	5 th (out of 30+ teams)	Feb 2015
K-State Annual Invitational Game Jam	2 nd (best use of theme)	Feb 2015
Koch Project IMPACT Scholarship	Recipient	Aug 2014 – Present
Edgerley-Franklin Urban Leadership Scholarship	Recipient	Aug 2013 – Present
K-State Leadership Scholarship	Recipient	Aug 2013 – Present
Soaring with Eagles Leadership Scholarship	Recipient	Aug 2013 – May 2014
President’s Education Award for Outstanding Academic Excellence	Recipient	May 2013

RANDOM THINGS I THINK ARE AWESOME: NPR, PlayStation, Studio Ghibli, Kendrick Lamar, Korean BBQ and Altruism