

# Kendall Nelson

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## EDUCATION

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**University of Minnesota-College of Science & Engineering** **Minneapolis, MN**  
*Bachelor of Sciences in Computer Science* May 2015

- Elementary Computational Linear Algebra, Machine Architecture and Organization, Algorithms & Data Structures, Introduction to Computing and Programming Concepts, Program Design and Development, Introduction to Operating Systems, Programming Interactive Computer Graphics and Games, Introduction to Data Mining, Visualization, User Interface Design, Internet Programming, Formal Language & Automata Theory, Virtual Reality & 3D Interaction, Design Methods for Computer Scientists, Developing the Interactive Web, Social & Collaborative Computing

**Normandale Community College** **Bloomington, MN**  
*Associate of Sciences in Computer Science* August 2012-May 2013

- Honors Student
- Structure of Programming II, Introduction to C Programming, Discrete Structures, Calculus II, Calculus based Physics I & II, Statistics & Probability with Calculus

**University of Wisconsin** **Milwaukee, WI**  
*Bachelor of Sciences in Computer Science* August 2011-May 2012

- Honors Student
- Intermediate Java Programming, Data Structures & Algorithms, Calculus I

## WORK EXPERIENCE

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**International Business Machines (IBM)** **Rochester, MN**  
*Openstack Software Developer* May 2015- Present

- Contributes to Cinder (Block Storage) project and os-brick (Volume Management and Volume Discovery and Local Storage Management library) in the OpenStack open source community
- Serving as the cross project liaison for the Cinder project, I keep Cinder Core members up to date on larger plans for OpenStack
- Hosted education sessions for IBMers getting into OpenStack to get them up to speed on the basics of Cinder, how to configure it, and do some simple interactions with storage devices
- As the Vice President of the Rochester Women's Network, I support the coordination, planning, and hosting of enriching women centered events
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**Sweet Martha's Cookies****St. Paul, MN***Employee*

August 2009- Present

- Promptly fills customers' orders while remaining focused during rushes of people
- Ensures servers have the resources they need and that they are working in the cleanest environment possible
- Able to transition smoothly back into this position even after a year has passed by

**eLumen Collaborative****Minneapolis, MN***Business & Development Intern*

August 2014- May 2015

- Manage and balance vendor and customer accounts for the company
- Created and sent out invoices for customers and checks for vendors
- Generated test data for the application to further the push towards automated testing and a large demo suite for future customers
- Coordinated with clients to answer questions and clear up payment and software issues ensuring a loyal clientele

**AT&T****St. Louis, MO***TDP-ET Summer Intern*

June 2014-August 2014

- Was Scrum Master for a Gold Certified Agile Team
- Continued work on the Interface Certification Design Tool (ICD-t)
- Created and configured server jobs that aid with routine deployment of ICD-t
- Assisted in the upgrade of jboss EAP 5 to EAP 6 and regression testing of the application after the transition
- Integrated Selenium testing into the web application for all GUI aspects
- Participated in a nation wide application design contest with other interns from St. Louis

**eLumen Collaborative****Minneapolis, MN***Development Intern*

September 2013- June 2014

- Corresponds and collaborates with an Agile team of developers from outside the United States
- Investigates new programming languages, conventions, and techniques to join the rest of the team in developing in a minimal amount of time
- Schedules meetings with the team in Paraguay and manages my own hours within the budgeted time

**Barnes & Noble****Apple Valley, MN***Bookseller*

September 2013- February

2014

- Serve customers in a timely fashion in the check-out process
- Swiftly evaluate customer requests and locate the materials they are looking for
- Search for titles in the BookMaster program and offer options to customers when we don't have what their requests in stock

- Clean, organize, and shelf books as well as perform other projects at manager's requests

## **AT&T**

**St. Louis, MO**

*MATREX IT Summer Intern*

June 2013-August 2013

- Worked on a Gold Certified Agile Methodology team on an ongoing application: the Interface Certification and Design Tool (ICD-t)
- Responded to clients requests for functionality changes and fixed bugs in the application
- Strengthened team building skills by doing paired programming on most projects
- Picked up new coding languages quickly and was able to implement the knowledge in several subprojects

## **Muller Family Theatre**

**Lakeville, MN**

*Assistant Manager*

June 2012– August 2013

- Delegated tasks to ensure effectual operation of the concession stand while keeping the theatre clean and well stocked
- Opened the business to the public in the morning and close down the building at night
- Promoted to a lead after four months and an assistant after six

## **LEADERSHIP EXPERIENCE**

### **City of Lakeville**

**Lakeville, MN**

*Election Judge*

September 2012

- Distributed ballots to voters with directions of where to fill them out and where to turn them in
- Organized materials at the voting venue to expedite the voting process

### **Discovery World**

**Milwaukee, WI**

*Engineer & Project Designer*

October 2011 – December 2011

- STEM Plus Project researching bio-mimicry
- Researched the Mimosa Pudica (Sensitive Plant), designed a robot and wrote a program to mimic it's behavior to stimuli
- Worked with a partner to solve functionality problems with the robot itself and troubleshoot the program to mimic the plant's actions

### **Girls State**

**St. Paul, MN**

*Representative*

July 2010

- Represented my district in mock city, county, and state government in a week long program while learning about the inner workings of the parts of government
- Organized information and paperwork and took notes during meetings as City Clerk and then as Party Clerk
- Organized a team of lawyers and helped to carry out prosecution of case in a murder mock trial

- Voted and helped edit bills, laws, and amendments in city, county and state governments

## CERTIFICATIONS

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- Agile Bronze Certification (AT&T)
- Cloud Computing Bronze Certification (AT&T)
- Six Sigma Yellow Belt (AT&T)
- MSOC White Belt (AT&T)
- Big Data Bootcamp (AT&T)
- DevOps Bootcamp (IBM)

## SKILLS, ACTIVITIES, & INTERESTS

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**Languages:** Java, C, C++, Python, JavaScript, SQL, R, Grails, CSS, HTML, PHP, XML

**Technical Skills:** Adobe Photoshop, Excel, Final Cut Pro

**Activities:** Mathematics and Computer Science Tutor, Amateur Photographer, Welding, Lampwork, Games, Polar Plunge for Special Olympics Minnesota 2014-2016, Zombie Run 5K for the Kennedy Krieger Institute