**Ashley Grace Jahren**

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| **EDUCATION** |

**Northwestern University**; Evanston, IL **Graduation Date:** June 2016

McCormick School of Engineering and Applied Sciences**:** B.S. Computer Engineering, Segal Design Certificate **GPA:** 3.183/4.000

**Relevant Classes:** Fundamentals of Computer Programming, Microprocessors, Fundamentals of Computer System Software, VLSI Design, FPGA Design, Industrial Design Projects, Tangible Interaction Design and Learning, Data Structures and Algorithms, Intro to Computer Systems, Human Centered Product Design

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| **PROJECTS** |

**Tangible Interaction Design and Learning – The InstructOAR 4/2015 – Present Day**

* Researched, designed and prototyped a device using arduino technology to help novice rowers learn proper rowing technique

**Visual Brand Language Project – Containables 4/2015 – 6/2015**

* Created a visual brand and line of products as add-ons for the Sidekick (see below)

**James Dyson Award Housing Project – The Sidekick 1/2015 – 6/2015**

* Prototyped a device to convert a bed into a desk/workspace area

**FPGA Video Game Project 1/2015 – 3/2015**

* Designed and built a tank themed video game using an FPGA board, keyboard, and monitor

**X86 (IA-32) Video Game Project** **1/2015 – 3/2015**

* Created and tested a “Despicable Me in Space” themed video game with users to improve user experience and interface

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| **LEADERSHIP** |

**Dance Marathon 10/2013 – Present Day**

*Technology and Analytics Subcommittee Head*

* Building internal site for Dance Marathon Committee members to communicate more efficiently

*Productions Set Team Member*

* Plan, design, and produce Northwestern University Dance Marathon
* Committed to fundraising at least $400 for the beneficiary, have raised over $1300

**Alpha Chi Omega Sorority 1/2013 – Present Day**

*Recruitment Counselor* (5/2015 – 2/2016)

* Guide new potential new members to find a house that works for them

*Assistant VP Philanthropy* (2/2014 – 2/2015)

* Organize Domestic Violence Awareness Month (October) and Spring and Fall Philanthropy Events
* Spent approximately 85 hours planning, organizing and fundraising, raised over $10,000 last school year

*Chapter Relations and Standards Board Representative* (2/2014 – 2/2015)

* Board that deals with any kind of issue that comes up within the chapter

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| **WORK EXPERIENCE** |

**Design for America; Evanston, IL 6/2015 – Present Day**

*Summer Studio Intern*

* Researching and implementing a technological solution to improve diabetes education among liver transplant patients
* Designing and Developing a web/mobile application

**Allstate Insurance; Northbrook, IL 6/2014 – 9/2014**

*Project Management Intern for Allstate Technology Operations*

* Work Intake Standardization –Documented old work intake processes and created a streamlined process; scheduled and led meetings, created action items, generated diagrams and charts, honed organization skills
* Customer Data Strategies—Cleaned up customer data interactions within the organization; redesigned a more efficient system, created meeting minutes and action items, contacted stakeholders
* Joint Application Design Proposal—Proposed a prototyping approach to assist with the Customer Data Strategies Projects, compiled a report of recommendation and presentation

**Neurodevelopmental Disabilities Lab 6/2013 – 6/2014**

*Research Assistant*

* Assisted a grad student coding a program in MATLAB
* Trained in video and data transcription (40 hours of training)
* Created system to organize consent auditing forms, compiled information into a document and presented new system to the lab

**Henry Crown Sports Pavilion 9/2012 – 6/2013**

*Marketing Representative*

* Designed promotional ads, gave facility tours, analyzed customer data, updated website

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| **ACTIVITIES/ VOLUNTEER** |

**Lutheran Campus Ministry;** Peace and Justice Executive Member **9/2014 – Present Day**

**Society of Women Engineers (SWE);** Freshman Mentor **9/2013 – Present Day**

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| **SKILLS** |

**Computer Skills:** Proficient in Microsoft Office (Word, Excel, PowerPoint, Publisher, Access, Project, Outlook, Visio), CAD, MATLAB, Unix/Linux, Adobe Photoshop, Adobe Premiere, Adobe Illustrator, Mac OSX, Windows

**Computer Languages:** C++, C#, Java, Assembly Language (LC3 and x86), Espresso, VHDL, HTML/CSS

**Red Cross Lifeguard Certified, CPR Certified**