

Julia K Connelly

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EDUCATION

CARLETON COLLEGE

B.A. IN COMPUTER SCIENCE

Northfield, MN | Expected June, 2018

- 3.8 GPA: Dean's List Recipient

DANISH INSTITUTE FOR STUDY ABROAD

Copenhagen, Denmark | Fall 2016

- Academic Excellence Award in Computer Science

SKILLS

Java • FXML • Git • C# • Unity • IntelliJ
• Python • MIPS • HTML5 • LaTeX •
MyBalsamiq • Adobe Premiere • QLab
• ETC Lighting Consoles

COURSEWORK

- Video Game Development
 - Artificial Intelligence
 - Digital Electronics
 - Human-Centered Computing
- To Be Completed by Summer 2017:
- Graphics
 - Software Design
 - Data Mining
 - Programming Languages

PROJECTS

ELEGIT | STUDENT RESEARCHER

April 2016 - Present

- Git client developed to teach students how Git works. Built with Java in IntelliJ. Developed using TDD.

HOUSING CRISIS | GAME DESIGNER AND PROGRAMMER

September - October 2016

- A unique tower defense game.
- Implemented AI pathfinding and state machines.

EXPERIENCE

CARLETON COLLEGE | RESEARCH STUDENT

April 2016 - Present | Northfield, MN

- Use Java and IntelliJ to develop a Git client that teaches students how to use Git.
- Complete user studies to analyze the effectiveness of the client.

CARLETON COLLEGE | ACADEMIC TECHNOLOGY ASSISTANT

January 2016 - Present | Northfield, MN

- Effectively communicate with faculty and students to solve technology issues.
- Learn and utilize new tools as required like Moodle, Wordpress, and PHP.

WEITZ CENTER FOR CREATIVITY | SHOPWORKER

September 2014 - Present | Northfield, MN

- Maintain strong communication through fast-paced, high-stress situations.
- Cooperatively lead groups of 6 or more other students in substantial projects like hanging a light plot or fixing lighting instruments.

ACTIVITIES & OTHER EXPERIENCE

TECHNICAL THEATER TEAM | PRESIDENT

May 2015 - Present | Northfield, MN

- Manage all technology and resources in the theater like light and sound systems, and lumber.
- Coordinate events and safety for all members.

CHILDREN'S THEATRE COMPANY | ELECTRICS INTERN

June 2015 - August 2015 | Minneapolis, MN

- Collaborate with 20 professionals in the field to complete tasks such as hanging/striking a show and instrument maintenance.

MINNESOTA STATE FAIR | STAND MANAGER

August 2008 - Present | St. Paul, MN

- Direct a team of 5 people through 12 demanding days by fostering a healthy team environment, organize and track all finances and inventory efficiently