

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

C# • Linq • SQL • Git • Visual Studio • C • Java • IntelliJ • HTML • CSS • JavaScript • Python • MIPS • LaTeX • Unity • Atlassian • Grails • Groovy

RELEVANT COURSEWORK

- Human Centered Computing
- Artificial Intelligence
- Algorithms
- Software Design
- Programming Languages
- Computer Organization and Architecture
- Digital Electronics
- Computer Graphics
- Evolutionary Computation
- Relativity
- Atomic and Nuclear Physics

To be taken by Summer 2018:

- Operating Systems
- Analytical and Computational Mechanics
- Astrophysics
- Computer Simulations in Complex Physical Systems
- Probability
- Introduction to Statistical Inference

OTHER PROJECTS

SCHEME INTERPRETER

April - June 2016

- Wrote an interpreter for scheme in C

GENETIC ART

April - June 2016

- Developed java code to "evolve" art

EXPERIENCE

APPLIED PREDICTIVE TECHNOLOGIES

| SOFTWARE ENGINEERING INTERN

June 2017 - August 2017 | Arlington, VA

- Professionally develop web-based software in an agile environment that helps businesses make smart, data-driven decisions.
- Extensive experience with C#, Linq, SQL, Visual Studio, JavaScript, best software development practices, reviewing software requirements, and writing unit tests.

CARLETON COLLEGE | RESEARCH STUDENT

April 2016 - January 2017 | Northfield, MN

- Research and develop a Git client that teaches students how to use Git while using Git.
- Proficiency with Java, IntelliJ, test-driven development, and software design methods

CARLETON COLLEGE | ACADEMIC TECHNOLOGY ASSISTANT

January 2017 - June 2017 | Northfield, MN

- Independently program a web-based language education tool for faculty members.
- Experience with Grails, Groovy, and learned to be self-sufficient in unfamiliar territory.

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.

TECHNICAL THEATER TEAM | PRESIDENT

May 2015 - Present | Northfield, MN

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