April Miller
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EDUCATION
Cornell College, Mt. Vernon, IA
Bachelor of Arts, May 2018
Major: Computer Science; Minor: Mathematics
Honors: Dean's List, 4.0 GPA

TECHNICAL SKILLS
- Java (proficient)
- Python (intermediate)
- SQL (intermediate),
- R/Rstudios (basic knowledge)

WORK EXPERIENCE
Pearson Education, Iowa City, IA
Data Governance/Quality Summer Intern, June 2017-August 2017
- Identified patterns and root causes of data integrity issues surrounding critical customer information
- Utilized Google's Design Sprint concept for product development resulting in new product creation
- Compiled 70k+ records in need of classification for use in vital ACT products using SQL

Boston College, Boston, MA
Mathematics Teacher's Assistant, June 2016-August 2016
- Created and graded exams for junior and senior year high school students
- Served as substitute teacher during primary instructor's unexpected leave

McDonald's, Cleveland, OH
Floor Supervisor, Summers 2013 - 2016
- Supervised crew of 8-10 employees during peak hours to ensure efficiency and quality service

PROJECTS
Collinear Points Pattern Recognition Project
- Developed pattern recognition algorithm to find line segments formed by 4 or more points; in Java

8-Puzzle Project
- Constructed an artificial intelligence algorithm to solve 8-Puzzle problem by implementing the A* heuristic for finding the shortest path, using Java and following Javadoc standards

LEADERSHIP & SERVICE EXPERIENCE
Cornell LEADS Program, Cornell College, Mt. Vernon, IA,
Cohort Member, September 2017-present
- Nominated and selected to participate in Cornell's distinctive leadership development program
- Participated in hands-on leadership building activities focusing on leadership, entrepreneurship, and distinctive service.

Resident Assistant, Cornell College, Mt. Vernon, IA
August 2017-present
- Maintain residence hall safety, as well as engage residents through floor programs

Math Club, Cornell College, Mt. Vernon, IA
Treasurer, August 2016-present
- Secured and administered a budget of about $300 for Math club

ADDITIONAL SKILLS:
Language: Spanish (native fluency both written and oral)