# Aaron Telstad

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## EDUCATION

**Iowa State University, College of Liberal Arts and Science**          **Expected Graduation: May 2027**
*Bachelor of Science in Computer Science*                                                        CS GPA: NA/4.0
*Bachelor of Science in Mathematics with Applications in Statistics*          Cumulative GPA: NA/4.0

**Pleasant Valley High School**                                                                        GPA: 3.83/4.0

## TECHNICAL SKILLS

Proficient: Python | Familiar: C++, Java, MySQL, C, HTML, CSS, JavaScript
Frameworks/Tools: Flask, React

## RELEVANT COURSEWORK

**Computer Science:**
**Math:** Calculus 1, Calculus 2,  Multivariable Calculus
**Statistics:** Introduction to Statistics
**Economics:** Introduction to Macroeconomics, Introduction to Microeconomics

## PROJECTS AND EXPERIENCE

**Trading Algorithm Twitter Bot |** Independent Project

- Created **Python** algorithm that gives buy and sell signal on user imputed stock
- Used patterns from 200, 100, 50 day moving average to make predictions
- Uses Tweepy API to tweet the signal

**Tetris Game** | Independent Project

- Uses **Javascript, React.js, HTML/CSS**
- Created web browser tetris game that has different levels and records score

**Correlation of John Deere Stock Price and Price of Corn |** Independent Project

- Created linear regression models with **Python**
- Used Hypothesis Testing to test claim of price relationship

**Maze Solver |** Independent Project

- Uses Depth-First and Breadth-First Search methods to solve maze
- Calculates solution distance and linear distance

**Fareway Grocery Clerk** | Part Time Employment

- Stock selves and collect inventory
- Communicated with customers

## INTERESTS AND CLUBS

**Computer Science Club**

**Investment Club**

**Club Basketball**