# Education

## Macalester College | Sept. 2017 – May 2021 (Expected)

*Bachelor’s Degree: Computer Science Major, Psychology Minor, Cognitive Science Concentration*

*GPA: 3.96*

Relevant Coursework (Grade in Parenthesis): Database Management Systems (Currently Enrolled), Computer Systems Organization (Currently Enrolled), Artificial Intelligence (A), Statistical Machine Learning (A), Data Science (A), Software Design/Development (A), Algorithm Design/Analysis (A), Theory of Computation (A)

Awards/Honors: DeWitt Wallace Distinguished Scholarship

# Language and Technology Skills

* Object Oriented Programming: Java, Python, TypeScript
* Mobile Development: Ionic Framework
* Web Design/Development: HTML5, CSS
* Version Control: GitHub
* Math, Statistics, Data Analysis: R, Mathematica, LaTeX
* Machine Learning: Python, TensorFlow, Keras

# Work Experience

## Research Assistant – Macalester iLab | Sept. 2018 – Present

* Coordinate with a team of research assistants to design, program, and run psychological eye-tracking experiments
* Train psychology students in the use of lab equipment
* Adapt quickly to resolve unexpected issues or equipment failures during experiments
* Regularly perform maintenance of lab computers

## Research Assistant – Macalester AI and Robotics Lab | May 2019 – July 2019

* Collaborated with students and faculty to design, train, and integrate a convolutional neural network into a robot navigation system using TensorFlow and OpenCV
* Performed extensive refactoring to greatly streamline training data collection process
* Achieved significant increases in performance and accuracy compared to previous years’ work
* Demonstrated self-motivation by working and problem-solving with and without the guidance of faculty advisors

# Volunteer Work

## Counselor – Camp Invention | June 2015, 2016

* Supervised and supported children to foster a creative environment
* Collaborated closely with other counselors to ensure smooth operation of camp