# Education

## Macalester College | St. Paul, MN | Sept. 2017 – May 2021 (Expected)

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

*GPA: 3.96 overall / 4.0 in-major*

Relevant Coursework (Grade in Parenthesis): Database Management Systems (A), Computer Systems Organization (A), 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**: Git, Subversion
* **Math, Statistics, Data Analysis**: R, Mathematica
* **Machine Learning**: Python, TensorFlow, Keras

# Work Experience

## Research Assistant – Macalester iLab | St. Paul, MN | Sept. 2018 – Present

* Spearheaded the creation of new materials for training incoming employees in the use of lab software
* Coordinate with a team of research assistants to design, program, and run psychological eye-tracking experiments
* Adapt quickly to resolve unexpected issues or equipment failures during experiments

## Software Developer Intern – Epic | Madison, WI | June 2020 – Aug. 2020

* Worked on a web development project which would help patients see doctors who are in convenient locations
* Conducted a rapid, highly iterative, user-centered design and development process

## Research Assistant – Macalester AI and Robotics Lab | St. Paul, MN | 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