**Ziyue Yang**

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*334 Casey Ln, Rockville, MD*

**EXPERIENCE**

**Carapace Analytics** October 2021– November 2021

*Research Assistant Champaign, IL*

* Implemented ML algorithms from selected research papers to estimate the fall risk of the elderly
* Navigated within the Python based project repository to improve workflow and optimize with C++

**EDUCATION**

**University of Illinois Urbana-Champaign** Expected Graduation: May 2025

*Pursuing B.S. in Statistics and Computer Science Champaign, IL*

* GPA: 3.94 / 4.00
* Participated in iRM, a student club that competes in Robomaster University Championship
* Relevant Coursework:
  + CS 124 (Introduction to CS 1 in Java)
  + CS 128 (Introduction to CS 2 in C++)
  + CS 173 (Discrete Mathematics)
  + CS 225 (Data Structure and Algorithms)
  + CS 374 (Algorithms & Models of Computation)
  + STAT 400 (Statistics and Probability I)

**Bullis School** August 2018 – June 2021

*Highschool Potomac, MD*

* GPA: 97.35 / 100
* Achieved Academic High Honor Roll in 9 out of 9 Trimesters
* Founded and became the President of Chess Club
* Completed a project in Entrepreneurship Capstone
* Played singles in the Varsity Tennis team

**ACADEMIC ACHIEVEMENTS**

**Standardized Test Scores**

* SAT: 1540
* TOEFL: 109

**SKILLS & INTERESTS**

* **Proficient Programming Languages:** Java, C++, Python
* **Professional Interests:** Machine Learning, Software Engineering, Electrical Engineering
* **Native-level Languages:** English, Chinese
* **Personal Interests:** Albert Camus, Friedrich Nietzsche, swimming, soccer, tennis, science fictions (The Three Body Problem), psychology, building robots from scratch, BBC Sherlock Holmes