

# Ashley Liu

ashleyl4@andrew.cmu.edu | 972-988-9678

## EDUCATION

### Carnegie Mellon University

*Bachelor of Science in Information Systems (Intended Additional Major in Artificial Intelligence)*

**Pittsburgh, PA**

*May 2027*

**GPA:** 3.71/4.00

**Relevant Coursework:** Principles of Imperative Computation, Concepts of Mathematics, Matrices and Linear Transformations, Information Systems Milieux, Calculus in Three Dimensions, Differential Equations

**Activities:** Carnegie Mellon Women's Varsity Golf, Alpha Kappa Psi Business Fraternity

## PROJECTS

### PuttEye

*2023 - Present*

- Developing a golf putting aid that uses a depth camera with capture information about the putter and a traditional video of the putting stroke, which are used to calculate the face angle, tilt, and speed of the putter by way of computer vision with a goal of providing a more affordable putting analysis system

### Weekly Calendar

*2023*

- Created a weekly calendar app using Python that incorporates an auto-scheduling feature based on user preferences using recursive backtracking along with features to create and edit events

### Golf Leaderboard

*2023 - Present*

- Developing a program that integrates Twitter to provide a live golf leaderboard with a goal of providing a more affordable and fun option that club tournaments can implement as opposed to those used at prestigious golf tournaments require expensive subscriptions

## WORK EXPERIENCE

### A Smile Pediatric

**Plano, TX**

*Office Assistant, Software Developer*

*January 2023 - Present*

- Developing integrated system to automate processes such as payment processing and tracking business statistics to improve business efficiency, reduce risk of human error, and provide better quality of patient care
- Help daily operations through providing front desk assistant to overseeing medical inventory

### Universal Processing

**Houston, TX**

*Management Trainee, Administrative Assistant*

*September 2022 - March 2023*

- Assisted VPs of Business Development with projects related to the company's growth such as by establishing a new satellite office in Plano, TX and developing and implementing KPIs to improve sales performance
- Served as manager of Community Navigator Pilot Program, working with Small Business Association to provide underserved, minority businesses with services from financial management training to consulting

## LEADERSHIP

### Plano West Senior High Varsity Golf

**Plano, TX**

*Captain, Golfer*

*August 2019 - May 2022*

- Led team of 12 to 18 wins and breaking all previous school records, including setting the individual and team low scores for one and two day events in the state's largest conference, on top of 9 top-5 individual finishes
- Led team qualifying and practice 3 times a week and held team reflection meetings after each tournament

### Citizens of Tomorrow

**Plano, TX**

*Director of Teen and Adult Curriculum, Board of Advisor, Instructor*

*November 2020 - Present*

- Planned weekly curriculums and designed lecture slides used by 100+ instructors for English classes and providing acclimation to different cultures for international students
- Created campaigns to market and expand the organization's reach and managing IT department events

## HONORS / AWARDS

**American Junior Golf Association:** National ranking: 29th in 12-18 age division, 9th in graduating class

**United States Golf Association:** Qualified 2x for the U.S. Girls' Junior Championship (156 players ages 12-18 globally)

**Plano West Senior High:** Top 1% Rank, President's Volunteer Service Award, National Merit Finalist, Top Contribution

## SKILLS / INTERESTS

**Skills:** C, Python, Java, Microsoft Office, Chinese

**Interests:** Traveling, Hiking, Reading Psychology books, Art, Piano, Violin