

ASHLEY WANG

awang21@uchicago.edu | (857) 389-5369 | 1330 E. 53rd St., Apt. 1204A, Chicago, IL 60615

EDUCATION

The University of Chicago

B.A. in Computer Science and Economics with Specialization in Machine Learning

GPA: 3.85/4.00; Honors: Dean's List (2017 – 2019)

Chicago, IL

June 2021

Deerfield Academy

Diploma, cum laude

Deerfield, MA

May 2017

EXPERIENCE

William Blair

Business Analytics Intern

Chicago, IL

June 2019 – August 2019

- Met asset management needs of over 70 Private Wealth Management (PWM) advisor teams by leveraging a SQL Server Analysis Services (SSAS) Cube to build 13 Microsoft Power BI dashboards.
- Maximized dashboard time efficiency by developing Data Analysis Expressions (DAX) measures in a SSAS Cube to calculate revenue projections, growth figures, historical team rankings, and summary statistics.
- Enhanced advisor teams' user experience by incorporating effective visualizations, slicers, and drill-down analysis.
- Showcased SSAS Cube and Power BI capabilities to firm partners and upper management and determined direction of future Power BI work in PWM department by presenting independent Power BI work.

Computing for Anyone (CANON) Research Lab

Research Intern

Chicago, IL

June 2018 – April 2019

- Automated grading of student Scratch projects by building a web application using JavaScript to scrape Scratch studios, download project JSON files, and analyze JSON for correct code meeting requirements.
- Analyzed student programming patterns and identified their coding and debugging approaches within a programming game by implementing a server-side database using PHP and JavaScript to record student progress.
- Developed a web application using JavaScript to parse student game logs, replay game actions, and identify and categorize student programming mistakes by comparing student logs to correct game solutions.
- Published a paper on custom computer science assessments by qualitatively coding over 600 sets of data.

Harvard University Department of Statistics

Research Intern

Cambridge, MA

July 2016 – August 2016

- Analyzed a Bayesian rank aggregation model incorporating covariate data by programming in R.
- Revised and implemented final edits for clarity in three 20+ page papers prior to journal submission.
- Wrote a 10-page research paper on cancer immunotherapy to determine its potential for future statistics research.

LEADERSHIP ACTIVITIES

compileHer

Vice President of Partnerships

Chicago, IL

November 2018 – Present

- Spearheaded partnerships with community organizations and companies including Facebook and Pinterest.
- Measured achievement in diversity objectives by analyzing demographic data of 200 event attendees using Python.

Pi Beta Phi Fraternity for Women

Vice President of Fraternity Development

Chicago, IL

October 2017 – Present

- Promoted campus presence and organization values by coordinating 13 fraternity events.
- Led two committees to plan educational events for new members by setting goals and delegating responsibilities.

SKILLS

Computer: Java, C, JavaScript, Python, HTML/CSS, SQL, R, Microsoft Excel, Power BI, and Adobe Photoshop

Languages: Fluent in Mandarin Chinese

PUBLICATIONS

Salac, Jean, Max White, **Ashley Wang**, and Diana Franklin (2019). "An Analysis through an Equity Lens of the Implementation of Computer Science in K-8 Classrooms in a Large, Urban School District." Refereed Conference Paper presented at the Symposium on Computer Science Education.