

Weiyi Zhu

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EDUCATION

Swarthmore College, Swarthmore, PA, USA

Expected June 2023

B.A., Double Major in Computer Science & Neuroscience

- **GPA:** 3.88

EXPERIENCES

Software Engineering Intern

May 2020 – Present

Avidian Technologies, Bellevue, WA, USA

- Independently launched full-stack desktop and web apps that granted users easier access to their analytics reports and allowed administrators to manage users/reports, respectively.
- Designed a web service that replaced a \$1,200 annual subscription service to automate the process of creating new customer databases.
- Designed analytics tables that retrieved and displayed daily log data with sorting and searching features through server-side pagination.
- Ran the deployment process with senior developers within an agile development environment.
- Implemented new UI design on the company's website.
- Utilized: React JS, Express JS, HTML, CSS, jQuery, C#, REST web API, web service, .NET framework, SQL server, agile, AWS.

Data Analyst Intern

Mar 2020 – May 2020

Inspur USA Inc., Bellevue, WA, USA

- Analyzed data from 1,554 participants comparing the effect of depression on the costs of caregiving.
- Created forecasting model (GLM) estimating caregiving costs based on the state of depression, age, gender, and race.
- Utilized: Python (pandas, NumPy, statsmodels).

Teaching Assistant

Sep 2019 – May 2020

Swarthmore College, Swarthmore, PA, USA

- CS 021. Introduction to Computer Science: answered students' questions during class and lab sections and graded students' assignments.

PROJECTS

9 PM

Sep 2020

Hackathon Project [<https://pm-teamup.web.app/>]

- An online teaming platform aiming to help gamers find teammates based on available times, games, and teams.
- Developed responsive web pages to register/login accounts, create/join teams, and edit/manage team information.
- Utilized: HTML, CSS, Javascript (jQuery), MySQL, Java, Spring Boot.

SKILLS

- **Programming Languages:** Python, C#, JavaScript, C++, Java.
- **Frameworks/Tools:** React JS, Express JS, HTML, CSS, jQuery, SQL, NoSQL, .NET, Git, AWS, agile.

AWARDS

2x ITA (Intercollegiate Tennis Association) Scholar-Athlete

- Led Swarthmore Men's Varsity Tennis Team to the Centennial Conference Final.

PERSONAL

- **Hobbies:** chess (Go), meditation, basketball.
- **Languages:** bilingual proficiency in English and Mandarin.