Alex Mei

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EDUCATION:

- **University of California: Santa Barbara** | Santa Barbara, CA   Aug 2019 - Jun 2023
    - GPA: 4.00 | Major GPA: 4.00
    - Major: Computer Science (B.S.) | Minor: Statistical Sciences
    - Relevant Coursework: C++, File I/O, String Formatting, Mutability, Sets, Dictionaries, Eigenvectors, Eigenvalues, Matrices, Markov Chains, Vectors, Vector Spaces
    - Proposed Coursework: Memory Allocation, Pointers, Hashing, Unit Testing, Number Theory, Differential Equations, Discrete and Continuous Distributions, Multivariable Calculus

- **Henry M. Gunn High School** | Palo Alto, CA   Aug 2015 - May 2019
    - Weighted GPA: 4.45 | Unweighted GPA: 4.00
    - National AP Scholar, Department Awards: Outstanding Performance in AP Statistics, Object-Oriented Programming, Biology Advanced
    - Relevant Coursework: Classes, Objects, Inheritance, Polymorphism, Abstraction, Big O, Sorting, Searching, Binary Trees, Combinatorics, Confidence Intervals, Significance Testing

RELEVANT EXPERIENCE:

- **Software Developer** | Robotics Workshop, Palo Alto Library   Apr 2018 - Mar 2019
    - Swiftly adapted a new development interface to create programs for the humanoid NAO robot including a personality quiz and a variant of *Choose Your Own Adventure*.
    - Communicated effectively with team members and mentor to ensure projects finished on time and the workshop flowed with minimal technical difficulties.

- **Game Design Lead** | KidsWriteCode, Fletcher Middle School   Jan 2017 - May 2019
    - Developed computer games (e.g., Ultimate Tic-Tac-Toe, 2048) using Python turtle graphics to teach children introductory Python programming through their current interests.
    - Designed code to reduce the amount of tedious graphical tasks through the creation of code to be imported as a module, allowing students to better focus on learning programming fundamentals.

PROJECTS:

- **alexmeicooking.com**   Jun 2017 - present
    - Developed a website using HTML and CSS to showcase over 100 personal cooking recipes to promote healthier food choices and home cooking, gaining visitors from over 40 countries.
    - Implemented site to support both desktop and mobile users, especially those who refer to the digital recipes in the kitchen through eye-catching design and deliberate layout.

SKILLS:

- **Programming Languages:** Python, Java, HTML, CSS
- **Software:** Git, Github, Google Analytics, Google Sheets, Adobe Photoshop
- **Languages:** English, Cantonese