

# Michael Wong

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## EDUCATION

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### Bachelor of Science in Computer Science and Applied Mathematics

September 2021 - present

University of Wisconsin, Madison | Madison, WI

- Junior standing with planned graduation of May 2025
- Activities and societies: Kappa Eta Kappa (Industry Liaison)
- Relevant coursework: CS639 Blockchain Technologies, CS577 Algorithms, CS540 Artificial Intelligence

### Saratoga High School | Saratoga, CA

August 2017 - June 2021

- Graduated with High Honors, awarded AP scholar with distinction and State Seal of Biliteracy (Spanish)

## PROJECTS

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### Distributed File System | CS537 Intro to Operating Systems

November 2022

Skills: C, Linux, Distributed Systems, NFS

- Developed a working distributed file server as a stand-alone UDP-based server, building a client library to access on-disk, fixed-sized files, and created a block data structure to organize the files into directories
- Ensured server idempotence to allow client to retry operations in case of system crashes

### FIRST Robotics | Saratoga High School

August 2017 - June 2021

Skills: AutoCAD, Communication, Leadership, Problem-solving

- Led weekly design team meetings using collaboration and teamwork to engineer designs in AutoCAD for the entire robot and manufacture parts with CNC machines, mills, lathes, laser cutters, and 3D printers
- Coordinated a mentorship program with the local elementary school to increase involvement in STEM, teaching over 20 students how to apply sensors, motors, and develop basic software using Lego Robotics

## EXPERIENCE

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### Achievement Connections Math Tutor

February 2023 - present

Vel Phillips Memorial High School | Madison, WI

- Met with students biweekly on a one-on-one basis advising in algebra, instilling strong study habits, creating independent learners, and motivating students to improve grades and pursue higher education

### IT Inventory Clerk

February 2023 - present

Wisconsin Historical Society | Madison, WI

- Organized, deployed, and conducted life cycle maintenance for all IT equipment in use, managed device imaging and cataloging, and provided inventory support to 16 satellite locations across Wisconsin

## TECHNICAL EXPERTISE

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- **Programming languages** — Python, Java, C, Assembly, Javascript, HTML, CSS, Vyper
- **Design** — AutoCAD, Solidworks, Illustrator, Indesign, iOS development, UI/UX user flows
- **Project management** — Asana, GitHub, Slack, Teams
- **Other skills** — multithreading, scheduling, data structures, smart contracts, algorithmic problem-solving

## ADDITIONAL

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- **Languages** — English, Cantonese, Mandarin, and Spanish
- **Interpersonal** — Communication, leadership, problem-solving, teamwork
- **Interests** — Certificate of Merit Level 10 in piano, Golden State Warriors