MICHAEL CAO

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Objective

I am a student with a passion for information systems and evolution of technology in the modern day. With a drive to innovate, I hope to create and inspire new technologies.

Education

THE PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK   **JUN 2018 - PRESENT**

Major GPA: 3.25   Expected Graduation: 2022
Bachelor of Science   *Information Sciences and Technology - Design and Development*

Experience

HAX ORGANIZATION   **MAR 2019 – PRESENT**

Executive Director
· Responsible for developing and implementing initiatives for a budding nonprofit organization.
· Managed a team of 40+ directors and members working for the nonprofit on a volunteer basis.
· Oversaw implementation of a 1:1 mentorship program for 50+ aspiring hackathon organizers.
· Fostered and encouraged growth of coding education, particularly for women & minorities.

VERTEX LABS   **JUL 2016 - PRESENT**

Founder & Lead Developer
· Commissioned to build and maintain software products used by over ten thousand people.
· Gained experience in Javascript frameworks, agile development, and project management.

Selected Projects & Organizations

CORPORATE RELATIONS OFFICER | PENN STATE ACM   **DEC 2018 – PRESENT**

· Engaged with campus recruiters to develop critical, mutually beneficial corporate partnerships.
· Partnered with a variety of companies to receive over $20,000 in funding for ACM programs.

TECHNOLOGY TEAM | HACKPSU   **DEC 2018 - PRESENT**

· Assisted in development and maintenance of a software stack for a 1500+ person hackathon.
· Learned and applied critical programming and teamwork skills in a realistic work environment.

PARTCIPANT/MENTOR/VOLUNTEER | FIRST ROBOTICS   **SEP 2014 - PRESENT**

· Former participant and current volunteer/mentor in a high school-level robotics competition.
· Developed skills including technical writing, team management, and engineering design.

Skills & Abilities

PROGRAMMING LANGUAGES & FRAMEWORKS

· Proficient: Java, JavaScript, NodeJS, RethinkDB, SQLite, Git, Bash, Windows, Linux
· Familiar: HTML/CSS, TypeScript, Python, MongoDB, MySQL, Postgres, React, AngularJS

PRACTICAL & INTRAPERSONAL SKILLS

· Project Management, Engineering Design, Technical Writing, Agile/Scrum Methodology
· Customer Service, Technology Troubleshooting & Support, Effective Communication

Awards

· 1st Place, AccuWeather Challenge, HackPSU Fall 2018 @ Penn State University
· 2nd Place, CyberPatriot Competition, 2017 AFA CyberCamp @ the Pitt Cyber Institute

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