

MICHAEL CAO

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EDUCATION

Pennsylvania State University - University Park

JUN 2018 – PRESENT

Bachelor of Sciences, IST Design & Development

GPA: 3.50 | June 2022

WORK EXPERIENCE

Crew Leader, Penn State Housing & Food Services

JUL 2018 – PRESENT

- Helped provide critical services for university through part time job as food services crew leader.
- Became most quickly promoted worker in own division by utilizing leadership & teamwork skills.

Founder & Lead Developer, Vxity Development

JUL 2016 – PRESENT

- Developed and honed personal experience with various programming languages and toolsets.
- Commissioned to build/maintain large-scale software products used by over 10000 people.

PROJECTS & ACTIVITIES

Association for Computing Machinery, PSU Chapter

AUG 2018 – PRESENT

Corporate Relations Officer | DevPSU Startup Engineer

- Worked as Corporate Relations Officer to develop & maintain critical corporate partnerships.
- Assisted in the development & execution of signature programs such as CodePSU and DevPSU.
- Cooperated with other software engineers to create an advanced people-matching application.

FIRST® Robotics Competition Team 4150 (FRobotics)

SEP 2014 - JUN 2018

Vice President, Programming Lead & Team Administration Lead

- Became critical member of high school's robotics team, with 500+ hours of work clocked yearly.
- Developed skills such as programming, team management, business, and engineering design.
- As a result, earned first seed in 2018 Buckeye Regional, and competed for Chairman's Award.

Community Administration & Management

MAY 2016 - PRESENT

Founder & Administrator, FRC Discord | Owner & Administrator, Subtle Asian Discord

- Gained skills in project/community management and initiative creation/development/marketing.
- United tens of thousands of community members to form valuable relationships and connections.

SKILLS

Programming Languages & Frameworks

Proficient: Java, JavaScript, NodeJS, MongoDB, RethinkDB, Git, Windows/Linux Technical Support
Familiar: HTML/CSS, Python, Bash, Computer Networking, MySQL, SQLite, React, AngularJS

Practical & Intrapersonal Skills

Team & Project Management, Effective Leadership & Teamwork, Engineering Design, Formal Writing

AWARDS

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