

Haoda Wang

DEVELOPER/SYSADMIN

OBJECTIVE

Gain admission to a university

CONTACT

Name

Haoda Wang

Address

215 Cherry Blossom Pl
Hockessin, DE 19707

Phone

(302) 510-2608

Email

wang.haoda@charterschool.org

PGP Key

F5B33F31

Website

<https://h313.info>

SOCIAL

Facebook

wanghaoda

GitHub

h313

LinkedIn

</in/wanghaoda>

ABOUT

- Extensive experience in computer science
- Skilled in mathematics
- Proven leadership skills with multiple leadership positions
- Experience in graphic design and audio and video production

EDUCATION

- Charter School of Wilmington**
2014-Present
- HB duPont Middle School**
2011-2014

AWARDS

- VEX Robotics - 2017**
State Tournament Champions
- Technology Student Association - 2017**
VEX Robotics 2nd Place
- UPenn Philadelphia Classic - 2016 Spring and Fall**
1st Place Team
- Delaware Math League - 2015**
2nd Place Team, Regional 2nd Place Individual
- MATHCOUNTS State Competition - 2014**
1st Place Team, 2nd Place Individual

SKILLS

Linux Systems Administration

3 years

Use Linux as main OS, command line + i3 preferred, able to deploy fully within 30 mins
Able to create virtualized systems with Docker, Virtualbox, and VMWare Workstation
Experienced with Arch Linux and Red Hat Enterprise Linux
Experience in penetration testing

Programming

5 years

C# (Mono), C++, Java, Javascript, Python
Able to quickly build usable applications implementing design patterns
Skill in multiple libraries, including SFML, AngularJS, React, and Flask

Databases

1 year

PostgreSQL, MongoDB, Redis
Able to create programs implementing these in Python and NodeJS

Algorithms and Data Structures

2 years

Experience in competitive programming
Able to create neural networks
Understanding of most compression and encryption algorithms

Web Development

2 years

Created web applications using a variety of tools and libraries
Used Python and NodeJS to create responsive backends with database connections
Used AngularJS and React to create immersive front-end experiences

Adobe Creative Cloud

2 years

Drew comics using Adobe Illustrator for school newspaper and personal blog
Designed graphics for church events with Adobe Photoshop
Created publications with Adobe InDesign
Produced short countdowns and animations with Adobe Premiere and After Effects
Edited sound on multiple occasions using Adobe Audition

Writing

4 years

Satiric writer for school newspaper

EXTRACURRICULARS



Charter School of Wilmington - Force Media

2016-Present

Heading technology team

Coordinate with various teams to furnish a complete, seamless web experience

Writing experience with newspaper team



Charter School of Wilmington - Association of Computing Machinery

2016-Present

Co-Leader

Open forum for computer science discussion

Led lectures on web development, cybersecurity, and algorithms

Worked with others in programming competitions

Awards at Philadelphia Classic programming competition




Wilmington Community Evangelical Church - Student Management Team

2016-Present

Heading web design and media team

Work with worship team to create a consistent, uninterrupted worship session

Experience in sound and graphic design



Cab Calloway School of the Arts - Technology Student Association

2015-Present

Part of some competitive groups

Cooperate with team members to create award-winning robots and web applications

Awards won at state and national level



Charter School of Wilmington - FIRST Robotics

2014-2016

Headed programming team

Coordinate with engineering and electrical to build a competition-ready robot

Experience in mechanics and electronics



This color indicates leadership experience

WORK EXPERIENCE



B&W Tek

2015

Set up a Linux-based backup and restore system
Used to automate production-line software installation



AIM Research Corporation

2017

Set up a CentOS server running a Git instance for version control and file storage
Provided training in Git and the GitKraken GUI tool

VOLUNTEER WORK



Reach Mission Trips - 40 hrs

2015

Built and insulated a room, cleaned gutters of a house, tiled a bathroom floor
Repainted a house



Group Mission Trips - 35 hrs

2016

Cleaned and repainted a house, demolished a shed



Wilmington Community Evangelical Church Vacation Bible School - 70 hrs

2015, 2017

Ran media for children's camp at church
Supervised children for the duration of the camp



Various - 70 hrs

2014-2017