

Henry C. Wong

henrycwong.com
linkedin.com/in/HenryCWong

309-750-0080
hcwqk7@mst.edu

EDUCATION

B.S. in Computer Science

Missouri University of Science and Technology
Major GPA: 3.4/4.0 — Cumulative GPA: 3.2/4.0

Aug 2016 - Dec 2020
Rolla, MO

Machine Learning Certification (Stanford University/Coursera)
Secret Level Government Clearance (Department of Defense)

Aug 2017
July 2018

EXPERIENCE

Liberty Mutual

Portsmouth, NH

Cyber Security Analyst Intern

May 2019 - Aug 2019

- Analyzed authentication data to finalize Ping Federate and Azure deals worth \$100,000+
- Saved more than \$3,000,000 in password reset and training resources by developing a password validation web app using haveibeenpwd API and password creation research
- Won both 3rd Place and Employee's Choice at Liberty Mutual's Employee Hackathon
- Used Splunk and Python to analyze authentication trends of over 50,000+ accounts

Missouri S&T

Rolla, MO

Researcher

May 2018 - Present

- Researched malicious users and implementations of Decentralized Social Networks

The Boeing Company

St. Louis, MO

Cyber Security Intern

May 2018 - Aug 2018

- Achieved Department of Defense clearance for multiple multi-million dollar projects
- Enforced the NIST Risk Management Framework for Department of Defense Inspections
- Slashed 3-10 hours per inspection by innovating a workflow to evaluate software security

www.MoData.blog

Rolla, MO

Editor-in-Chief/Head of Data Science

Sept 2017 - Present

- Founded a collaborative data blog called www.modata.blog with a focus on Data Science
- Generated over 300 views a week and a following on Reddit by consistently posting blog posts once a week on topics ranging from terrorism to Missouri state salaries
- Captured the attention of 20 students per week in talks and lessons on Data Science

Association for Computing Machinery (ACM)

Rolla, MO

Chair/Founder of the Missouri S&T Hackathon

Sept 2017 - May 2018

- Organized the first Missouri S&T Hackathon: Shamhacks (renamed to PickHacks)

State Farm

Bloomington, IL

Software Engineering Intern

May 2016 - Aug 2017

- Saved 24 hours per week for IT employees by automating Test Environments in JavaScript
- Reduced help desk wait time by developing a Machine Learning chat bot for policy inquiries
- Cut load time for over 50 tools by 70% by re-engineering Perl/CGI automation tools
- Developed Java applications on Xbox Kinects for State Farm Sponsored Event
- Designed an interactive Cyber Security lab for 100+ middle schoolers

Ferro Silicon

Normal, IL

Chief Design Officer

Sept 2015 - May 2016

- Co-led an Android Development team to win \$100,000

SKILLS

Advanced: C/C++, Python, JavaScript, Git, iPython/Jupyter, Linux

Proficient: Scikit-learn, Tableau, SQL, Ruby, Networking, Decentralized Networks

COURSES

CS5400: Artificial Intelligence — **CS5001:** Deep Learning — **STAT5353:** Data Analysis
CS4001: Offensive Security — **CS3001:** Data Science — **MATH5107:** Combinatorics