

# Henry C. Wong

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## EDUCATION

### B.S. in Computer Science

Missouri University of Science and Technology  
Major GPA: 3.4/4.0 — Cumulative GPA: 3.3/4.0

August 2016 - May 2020  
Rolla, MO

### Machine Learning Certification (Stanford University/Coursera)

August 2017

## EXPERIENCE

Liberty Mutual

### Cyber Security Analysts

- Used Splunk and Jupyter to analyze authentication trends of over 50,000+ accounts

Portsmouth, NH

May 2019 - Present

Missouri S&T

### Researcher

- Researched malicious users and implementations of Distributed Social Networks

Rolla, MO

May 2018 - Present

The Boeing Company

### Cyber Security Intern

- Patched and identified security flaws in Classified Programs based on the Risk Management Framework guidelines to pass Department of Defense Inspection
- Created a work flow to evaluate software security saving 3-10 hours per inspection
- Earned Secret Level Department of Defense Security Clearance

St. Louis, MO

May 2018 - August 2018

State Farm

### Software Engineering Intern

- Wrote a Machine Learning chat bot that answered insurance policy inquiries
- Saved 24 hours per week for IT employees by automating Test Environments
- Developed applications on Xbox Kinects for State Farm Sponsored Events
- Designed an interactive Cyber Security lab for 100+ middle schoolers

Bloomington, IL

May 2017 - August 2017

### Infrastructure Automation Intern

- Re-engineered Perl/CGI automation tools, cutting load time for over 50 tools by 70%
- Led a team of 10 interns to create an updated intern request site utilizing AngularJS

June 2016 - August 2016

Ferro Silicon

### Chief Design Officer

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

Normal, IL

September 2015 - May 2016

## PROJECTS

Association for Computing Machinery (ACM)

### Chair/Founder of ACM SIG-Data

- Started a collaborative data blog called <https://modata.blog>
- Taught topics on Data Science, Data Mining, Machine Learning, and Data Analytics
- Participated with others in Kaggle.com competitions

Rolla, MO

September 2017 - Present

### Chair/Founder of ACM SIG-Hack

- Organized the first Missouri S&T Hackathon: Shamhacks

September 2017 - May 2018

## SKILLS

*Advanced:* Python, C/C++, JavaScript, Git, Linux

*Proficient:* SQL, Java, Perl, Tableau

*Learning:* QGIS, TensorFlow

## COURSES

**CS5400:** Artificial Intelligence — **CS5001:** Deep Learning

**CS4001:** Offensive Security — **CS3001:** Data Science