

EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science – Statistics

- Minors: Computer Science, Physics

Champaign, IL

Aug 2018 – May 2022

GPA: 3.57

Lyons Township High School

Illinois State Scholar

La Grange, IL

Aug 2014 – May 2018

ASSOCIATIONS

Kwiat Quantum Information Research Group

Research Assistant

Urbana, IL

Nov 2018 – Present

- Repaired front & back end of quantum tomography interface
- Published python library *Quantum-Tomography* with over 10k downloads
- Created documentation site for functions
- Full stack maintenance of group's website
- Mentored underclassman on the project
- Presented research papers and participated in weekly meetings
- Self taught quantum mechanics through online resources and textbooks

Bit to Byte

Teacher

La Grange Park, IL

May 2018 – Aug 2018

- Instructed coding lessons in Scratch to 4th and 5th grade students
- Aided creation of course curriculum for start up company sponsored in dash

RECOGNATIONS

JP Morgan's Code for Good Hackathon : 1st Place Team

Sep 2020

- *Flask* based site to help girls stay active in sports

US Congressional App Challenge : 1st Place in Illinois

Jan 2018

- Physics engine in java to simulate hydrodynamic drag and collisions
- Presented to US Congressmen on Capitol Hill

Feb 2018

Business Professionals of America: 2nd Place in Illinois

- Written test on the fundamentals of SQL

IHSA Gymnastics State Competition : 2nd Place Team in Illinois

- Team Captain of Lyons Township men's gymnastics team

Apr 2017

TECHNICAL SKILLS

Quantum Information

- Computation of state and process tomography
- Error correction of measurement data

Statistics

- Monte Carlo techniques
- Regression and optimization

Classical Computation

- Numerical methods and analysis
- Shannon's Information protocol
- Documentation using latex and markdown
- Database design
- Version control

turroscott@gmail.com

[Linkedin : scott-turro](#)

[github : smturro2](#)

DATA SCIENCE

- Python
 - Numpy
 - SciPy
 - Pandas
- SQL
- R
- C++

PERSONAL SKILLS

- Presentation
- Online research
- Digital communication

INTERESTS



Skateboarding



Crypto Currency



Gymnastics



Exercise